

AQS New User Orientation



Objectives

- Accessing and Navigating within AQS
- Resources available on the AQS Website
- AQS Support

This presentation will provide you with information pertaining to all three objectives.

Accessing and Navigating within AQS

Accessing and Navigating within AQS:

- Brief overview
- AQS components
- Registration process
- Initial setup
- Logon to application
- Navigation

What is AQS?

- Repository of air quality data collected by EPA, state, local, and tribal agencies.
- Administered by US EPA National Air Data Group (NADG) of the Office of Air Quality Planning and Standards (OAQPS) in RTP, NC
- Technology Transfer Network (TTN) Air Quality System (AQS) website:
<http://www.epa.gov/ttn/airs/airsaqs/index.htm>

AQS Web is the application or software interface used to load and retrieve data.

EPA NADG is the owner of the application.

The EPA TTN Air Quality System Website is the AQS Website.

User Access Information

- Accounts
 - AQS (Oracle)
 - CDX
- User Roles
- Screening Groups
- Account Passwords

- Account Privileges determined from access request form.
- EPA Regional office contact submits request.
- AQS account is set up by EPA NADG.
- EPA Central Data Exchange (CDX) account set up CDX support.
- CDX support can be reached at (888)-890-1995.
- CDX is a separate application used to transfer data to AQS.

User Roles

Determines Type of Access

- Read Only
- Update
 - Raw Data
 - Precision and Accuracy

- Type of access in AQS determined by your user role.
- All users have Read Only access.
- Update access controlled by screening group.

Screening Groups

- Controls update access to data
- Data is “owned” by a screening group
- Screening group access vs read only user

Screening Groups are groups designated by EPA to control update authority to specific sites and monitors.

Users that initiate updates to AQS data are allowed to update only data owned by their screening group.

When you are within a screening group you will only be able to see data (production and preproduction) owned by that screening group.

Read Only access allows you to see ALL data in production.

Account Passwords

Oracle: No password required

AQS: Minimum eight alphanumeric characters, at least one numeric not as the first, one alpha, and no special characters, dictionary words or user-id followed by numbers. NOT case sensitive. Must be changed every 90 Days.

CDX: Minimum of eight characters (at least one numeric and one alpha) and IS case sensitive. Must be changed every 90 Days. This password can be synchronized with your AQS password.

If your password has expired you will get a prompt from the logon screen to change it prior to accessing AQS.

Account information can be found by clicking on the User Registration link on the sidebar of the AQS website and then the accountinfo link in the body of the page.

AQS Password

- Initial AQS password provided by User Support
- Change your initial AQS password at first logon

CDX Password Synchronization

- Changes CDX password to your current AQS password
- Synchronization is Optional

CDX Synchronization changes your **current** CDX password to your **current** AQS password. All uppercase characters will be converted to lowercase.

Specific Hardware/Software

System Requirements/Recommendations:

➤ Hardware:

PC: IBM Compatible

Disk space: 180 MB

- Additional space will be needed for data files
- Processor: Pentium 133 MHz for Windows 2000, 233MHz for XP
- Memory: 64MB RAM or more

Video Card: XGA (1024X768 resolution) or better

- Display: 256 colors or better

➤ Software:

- Platforms: Windows 2000, XP
- Java 2 Runtime Environment 5+
- Adobe Acrobat Reader
- Zip/Unzip Utility (e.g. PKUNZIP)

➤ Connectivity: Microsoft Internet Explorer 6.0+, Netscape 7.0+ and Internet access TCP/IP or EPA WAN

- Adobe Acrobat Reader (free from Adobe)

This information is available on the AQS Website as an FAQ item under Installation.

Client Components and System Requirements

- Java Runtime Environment(JRE)
- Adobe Acrobat Reader
- Unzip utility
- Any pop-up blocker must allow pop-ups from <https://iasint.rtpnc.epa.gov>
- Enable automatic prompting for file downloads
- “Do not save encrypted files to disk” option should NOT be selected in your Browser

Adobe Acrobat Reader is used to read AQS reports. The default format for AQS standard reports is PDF.

An unzip utility may be needed to unzip zipped files created by the reports.

Browser Settings:

- Allow pop ups from AQS site.
- Enable automatic prompting for file downloads with Internet Explorer. To do this, first access Tools from the menu bar and then Internet Options from the drop down. Following click on the Security Tab and then highlight the internet icon by clicking on it. Then click on the custom level button at the bottom of the security screen. Next, find the “downloads” section on the custom level popup and click on “automatic prompting for file downloads”.
- To uncheck the “Do not save encrypted files to disk” option in Internet Explorer access Tools from the menu bar and then Internet Options from the drop down. Next, click on the Advanced Tab and uncheck “Do not save encrypted files to disk” in the Security section on this screen.

AQS Logon

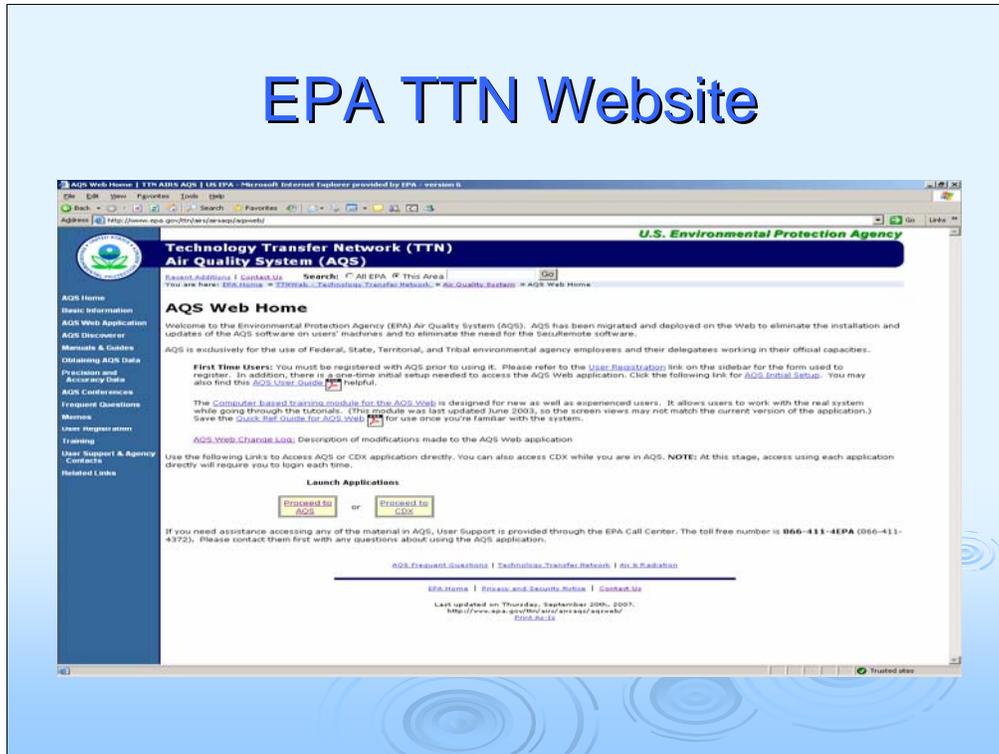
- Access via the AQS Web Home page, <http://www.epa.gov/ttn/airs/airsaqs/aqsweb/aqswebhome.htm>, “Proceed to AQS” link.
- After agreeing to the terms, the application will start.
- Enter your user-id and password. The Database name (AQSPROD) is already specified

Enter your user-id and password. The Database name (AQSPROD) is already specified.

Accessing and Navigating within AQS Demo

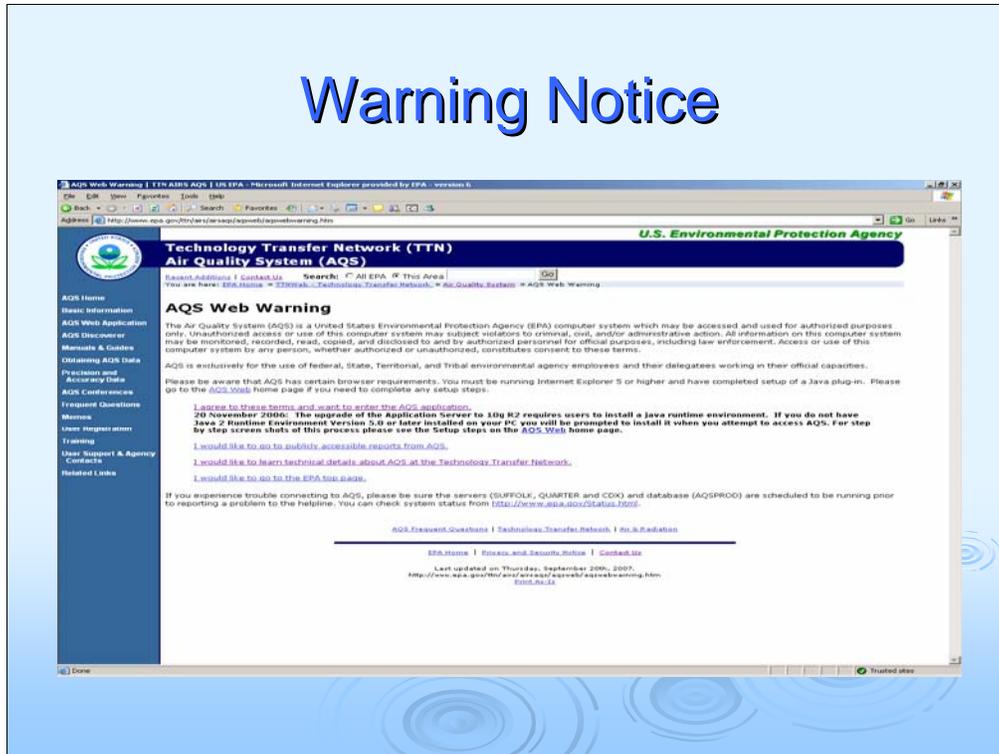


EPA TTN Website



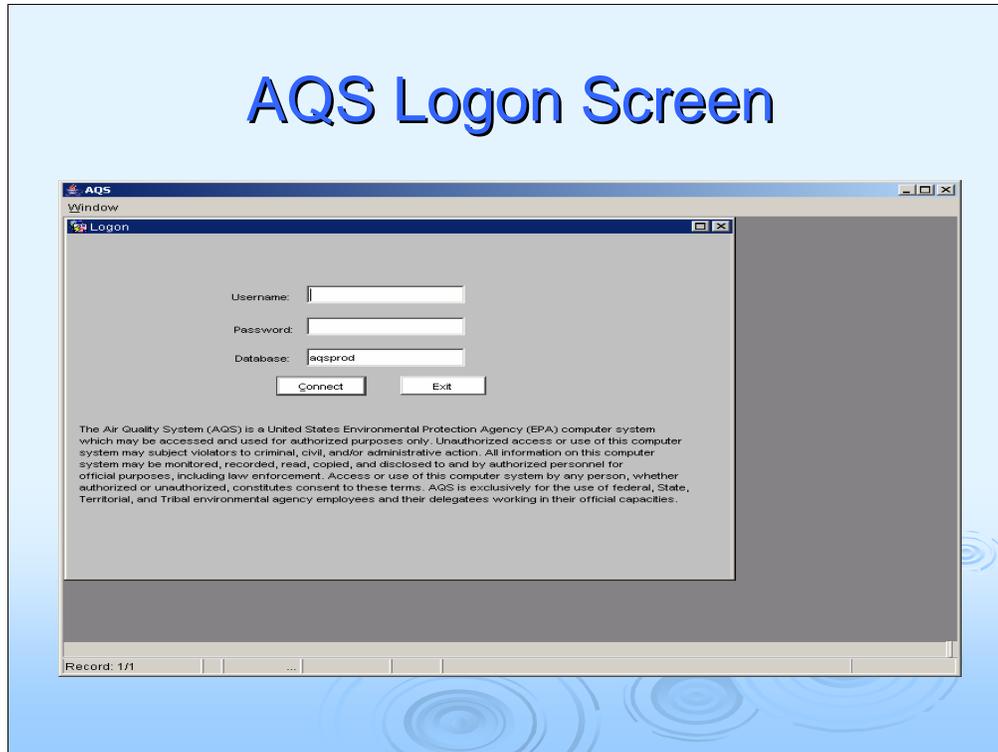
AQS Web can be accessed/launched from the AQS Website home page or from: <http://www.epa.gov/ttn/airs/airsaqs/aqsweb/aqswebhome.htm> by clicking on the "Proceed to AQS" box.

Warning Notice



Read the Warning Notice and if you agree to the terms click on “I agree to the terms and want to enter the AQS application”.

AQS Logon Screen

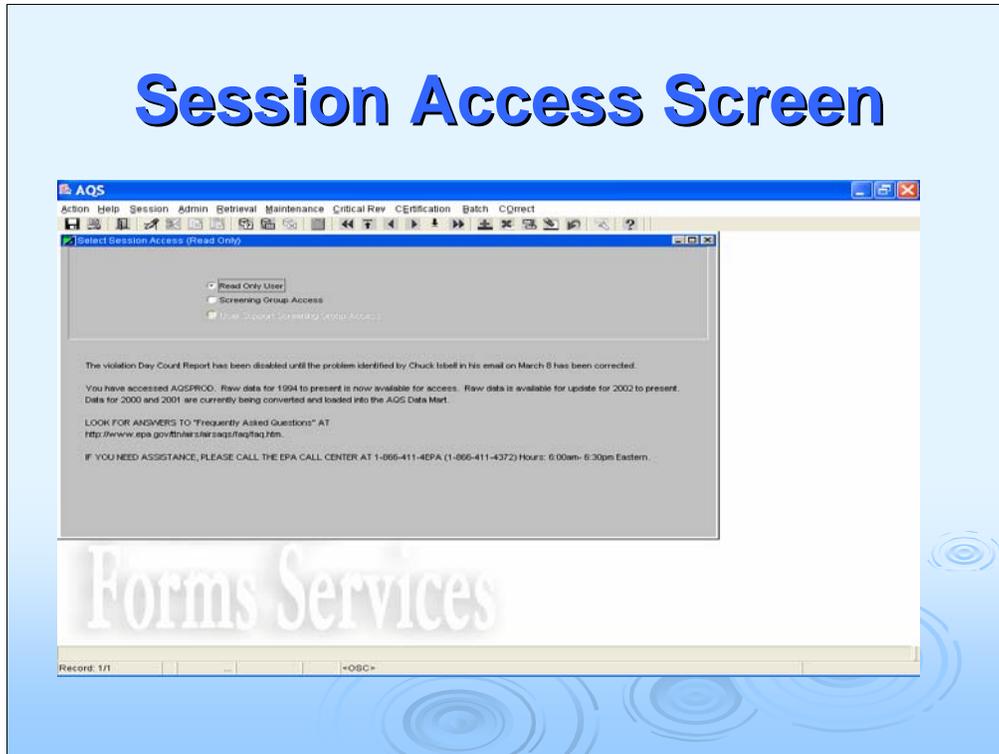


You should then receive the AQS logon screen. Enter your 3-character user-id in the username field and your password in the Password field. The default “Database” id, AQSPROD (short for AQS Production) is already entered for you. Then click on Connect or hit your Enter key.

The logon screen displays the required EPA security warning. You can bookmark this page and come directly here without going to a security warning page first.

The logon screen also detects if your password has expired and will allow you to update your password if it has expired.

Session Access Screen

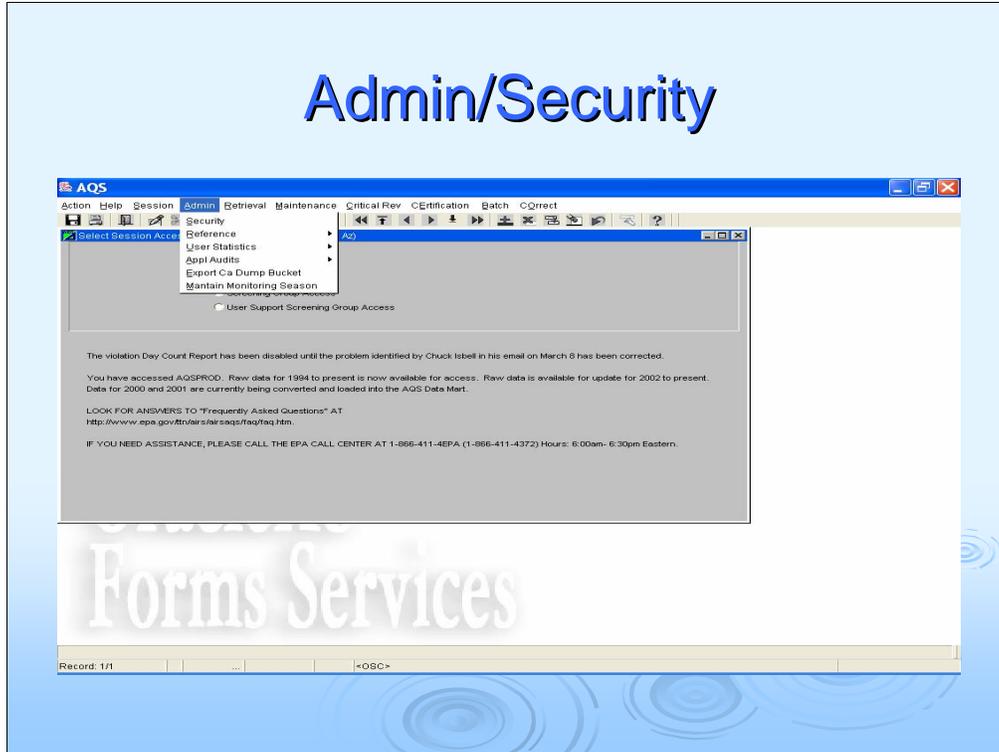


Select either Read Only or your Screening group from the Session Access Screen.

The bottom half of this screen contains AQS outage notices, problem alerts, and informational messages.

Maximize your outer window. This will prevent drop down lists from being truncated.

Admin/Security



You can change your password by clicking on Admin from the main menu and then Security.

Administration – Application Security Profile Screen

The screenshot displays the AQS Administration – Application Security Profile Screen. The window title is "AQS" and the menu bar includes "Action", "Help", "Security", "Reference", "User Statistics", "Appl Audits", "Export Ca Dump Bucket", and "Main Menu". The main content area is titled "Application Security (Read Only)" and contains a "User Profile" section with the following fields:

First Name	PAMELA	Initial		Last	MCINTYRE
Phone	919 767 7151	Street Address 1	CSC/Excel MGMT Sys, Bldg	Street Address 2	79 TW Alexander Dr.
Zip Code	27711	City	Research Triangle Park	State Code	37
County Code	063	User ID	PDP	Agency Code	1108
User ID	PDP	User Type	C	AQS Contact	N
Fax		Status Ind	P	EPA Region Code	04
E Mail	mcintyre.pamela@epamail.e	Tribal User			

Below the user profile is a "Change Your Oracle Passwords" section with the following fields and buttons:

AQS	New Password:	Confirm password:	OK
CDX	Current CDX Password:	Synchronize CDX	

The status bar at the bottom shows "Record: 1/1" and "<OSC>".

To change your AQS password, enter your new password on the left side in the AQS "New Password field" and in the "Confirm password" field on the right. Then click on OK.

After changing your AQS password or synchronizing your CDX password, you must logout of the application and back in again.

To Synchronize CDX with your AQS password: enter your current CDX password in the "Current CDX password" field and click on Synchronize. You should receive a pop up informing you the change was successful.

Passwords should be a minimum of 8 characters long, include a number (but not in the first position), and not include any special characters. You can't use dictionary words as part of the password and your user-id followed by numbers is also not allowed)

Administration – Application Security Profile Screen

The screenshot displays the 'Application Security Profile' screen in the AQS application. The interface includes a menu bar with options like 'Action', 'Help', 'Security', 'Reference', 'User Statistics', 'Appl Audits', 'Export Ca Dump Bucket', and 'Main Menu'. The main content area is titled 'Application Security (Read Only)' and features a 'User Profile' section with the following fields:

First Name	PAMELA	Initial		Last	MCINTYRE
Phone	919 767 7151	Street Address 1	CSC/Excel MGMT Sys, Bldg	Street Address 2	79 TW Alexander Dr.
Zip Code	27711	City	Research Triangle Park	State Code	37
County Code	063	Agency Code	1108	AQS Contact	N
User ID	PCF	User Type	C	EPA Region Code	04
Fax		Status Ind	P	Tribal User	<input type="checkbox"/>
E Mail	m McIntyre.pamela@epamail.e				

Below the user profile is a section titled 'Change Your Oracle Passwords' with the following fields and buttons:

AQS	New Password:	<input type="text"/>	Confirm password:	<input type="text"/>	<input type="button" value="OK"/>
CDX	Current CDX Password:	<input type="text"/>	<input type="button" value="Synchronize CDX"/>		

At the bottom of the window, there is a status bar with the text 'Enter the user's First Name.' and 'Record: 1/1'.

Keep your user profile information up to date; especially your email address. Your batch jobs and any messages sent by NADG will be sent to this email address.

Tribal user setting can be checked here and each time you access the application you will be in Tribal mode until you change it.

Tribal mode can also be turned on/off from the Action menu, however, when it is set in this manner it will only remain active for the current session.

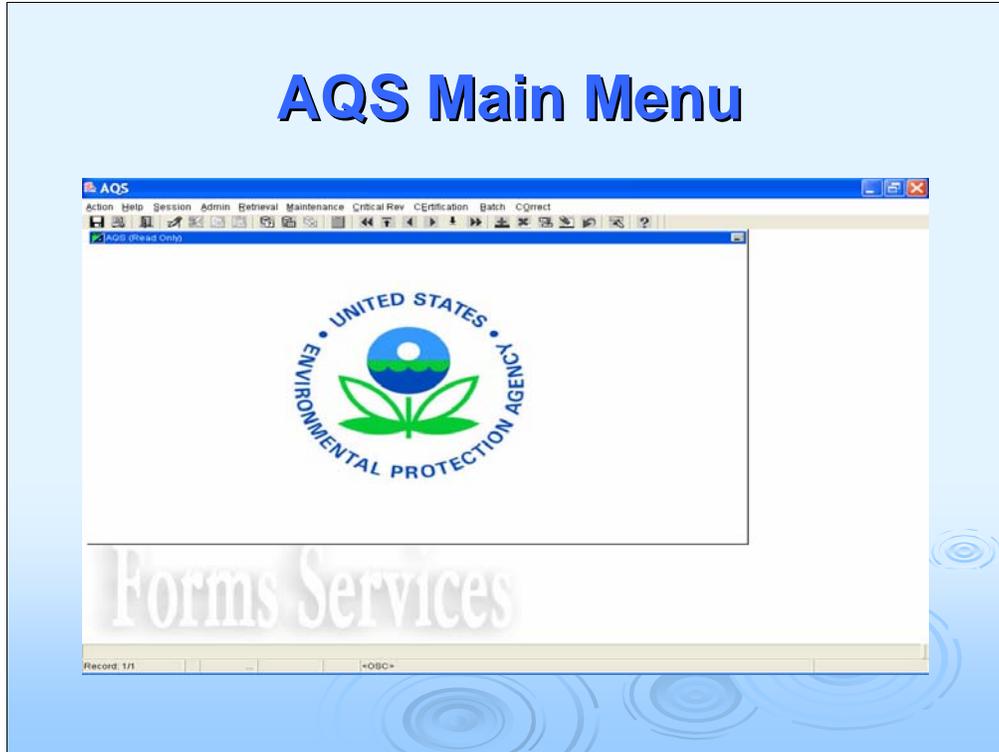
Administration – Application Security Profile Screen

Enter the user's First Name.
Record: 1/1

Because not all menu items are available on all screens, you may need to select the Main Menu and then the actual menu selection you want from there.

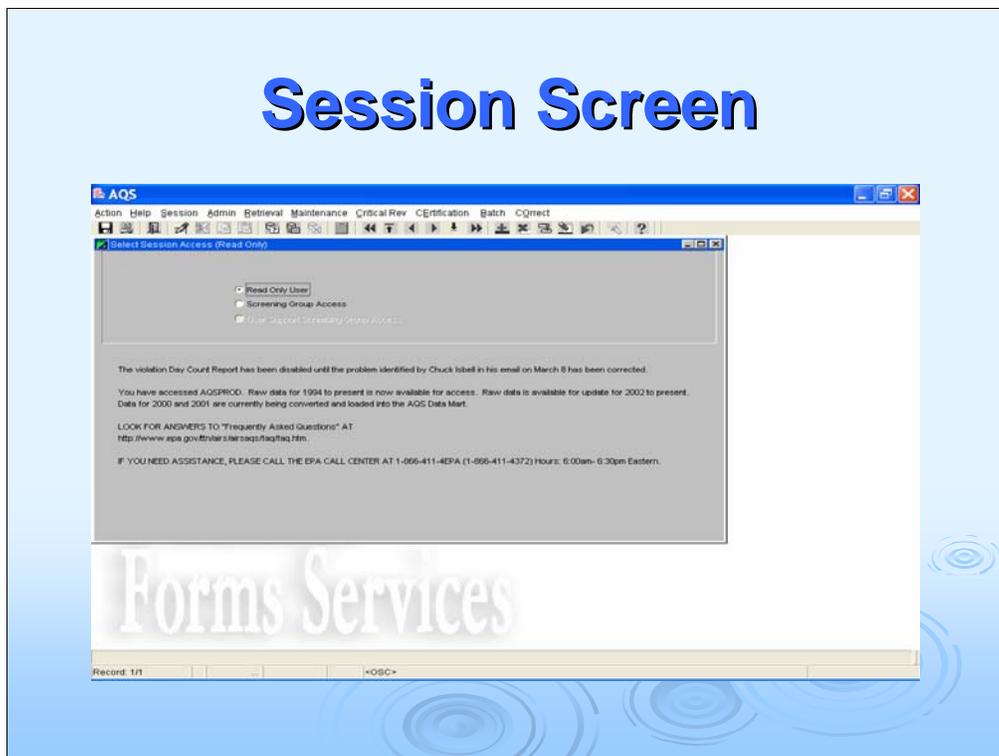
In this example, there is no Session item on the menu. So click on Main Menu and then....

AQS Main Menu



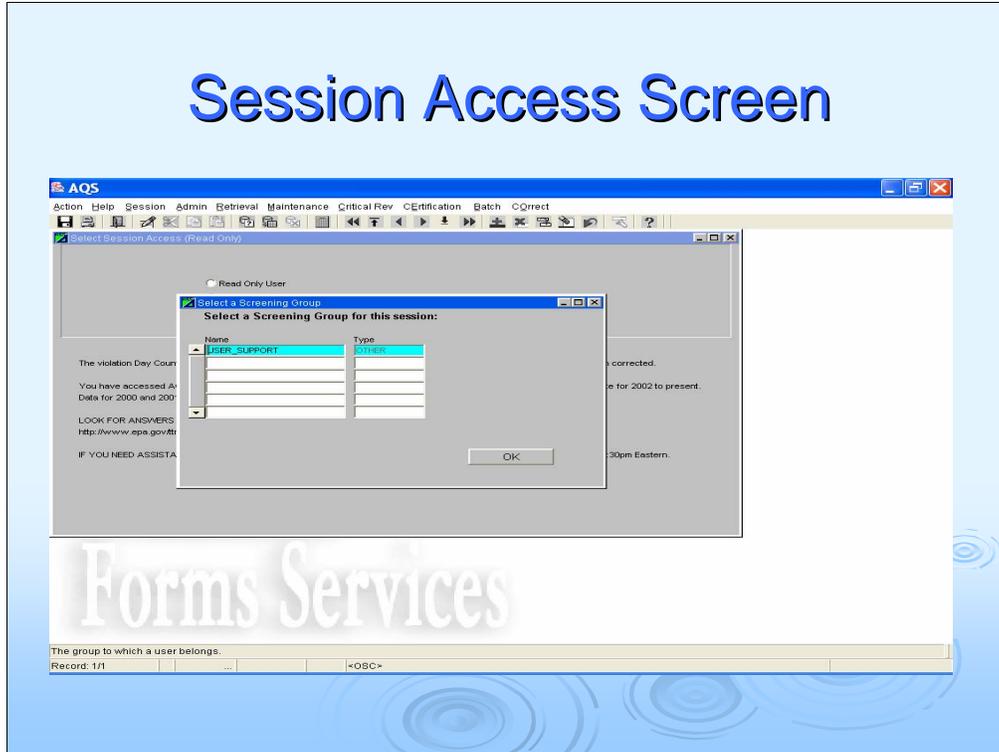
This is the Main Menu which has the EPA Logo. You can now click on Session from the Main Menu.

Session Screen



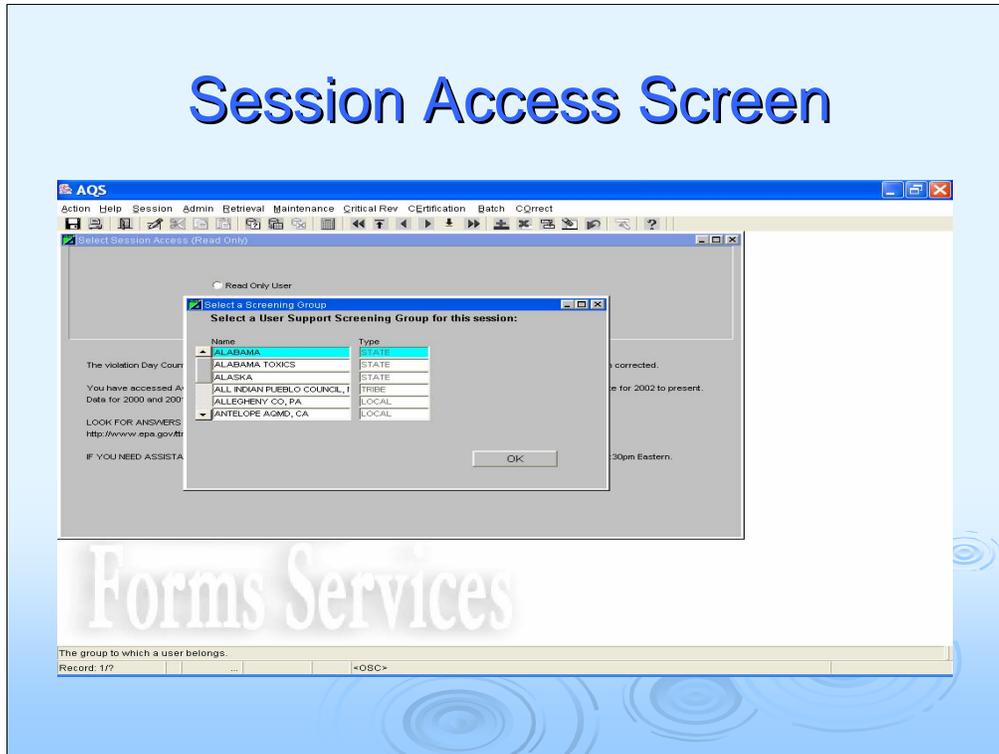
Here is the session screen again where you can select your type of access.

Session Access Screen



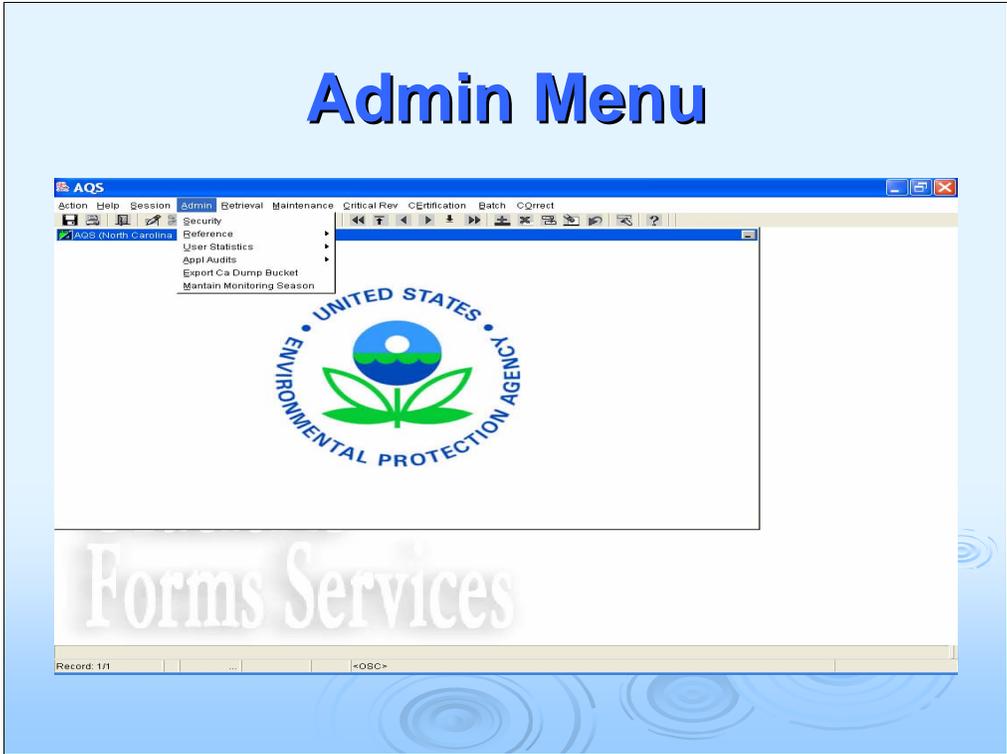
Selecting screening group access will display a pop-up list of the screening groups you are authorized for. This screen is representative of user support access. Users do not get this pop up.

Session Access Screen



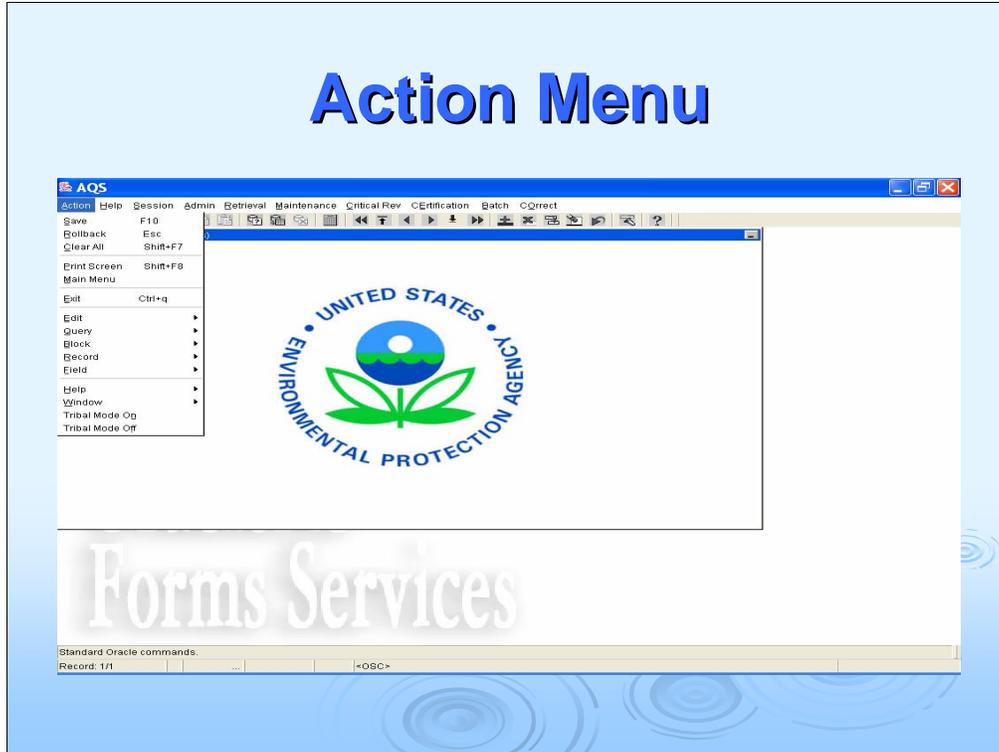
Users will see a pop up similar to this one where they will select their screening group.

Admin Menu



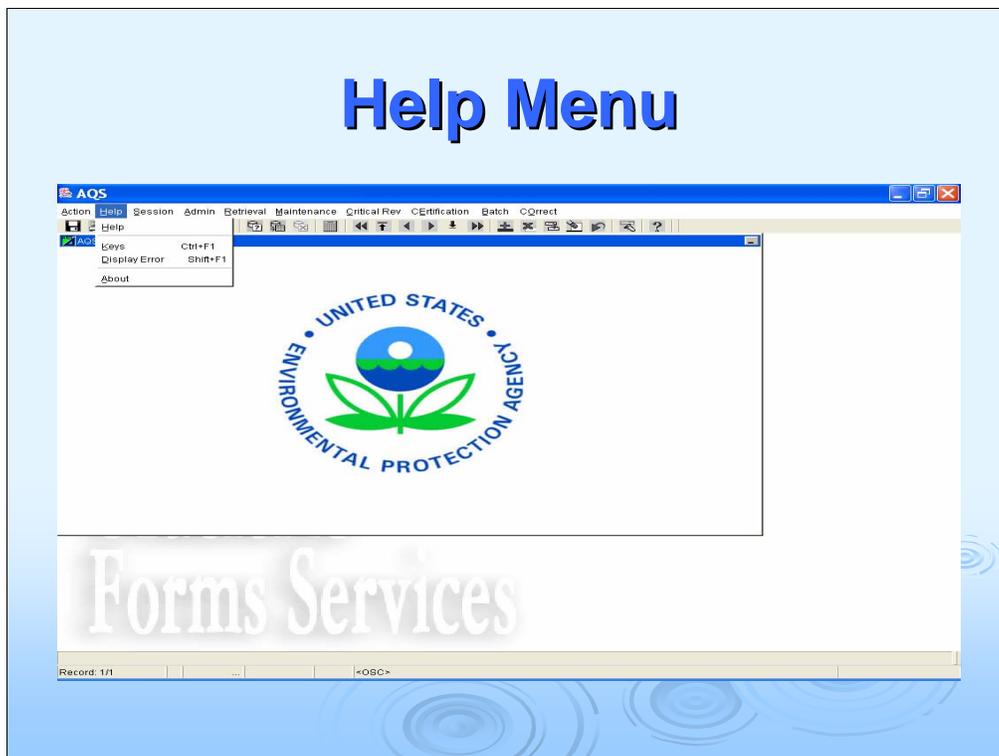
Most users will only need to access Security from the Administration menu.

Action Menu



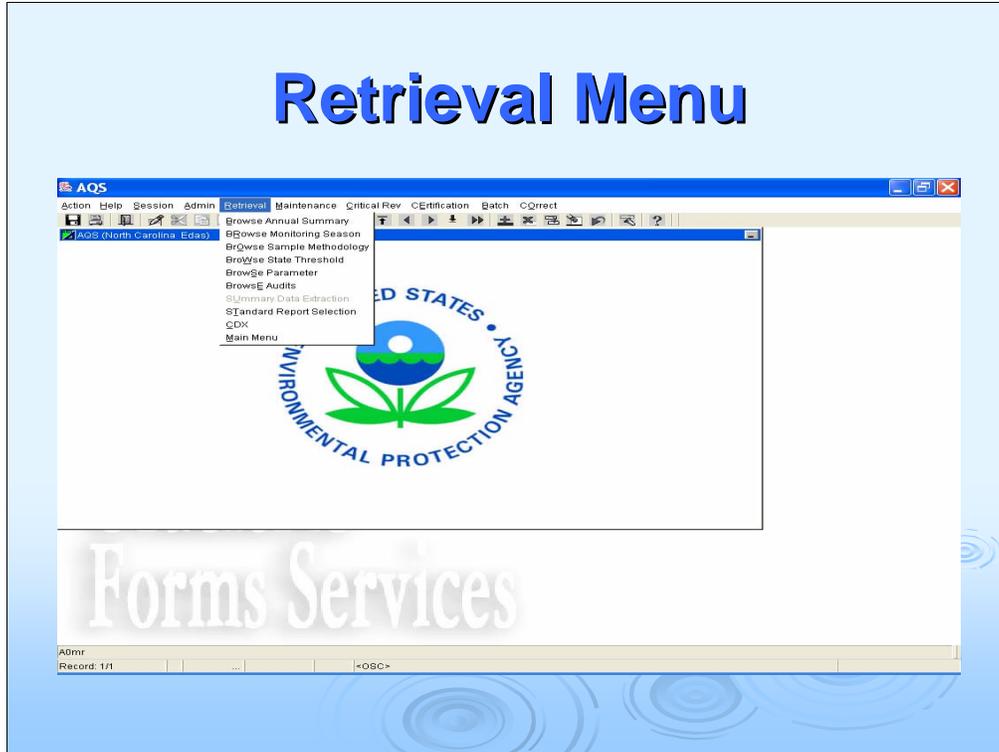
Most items on the Action Menu can also be performed on the toolbar. Again, you can also turn tribal mode on/off from the Action Menu.

Help Menu



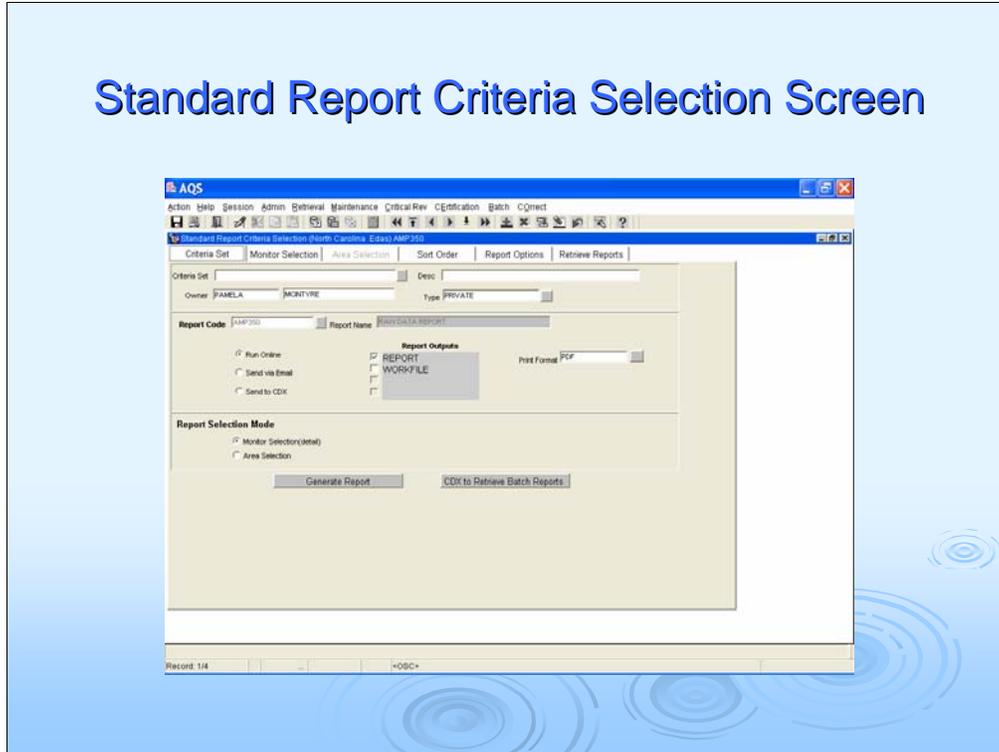
AQS Online Help, Help for Keys and associated functions and Field Help is available.

Retrieval Menu



Standard Reports, Browse Sample Methodology and Browse Parameter are some of the selections available from the Retrieval menu.

Standard Report Criteria Selection Screen

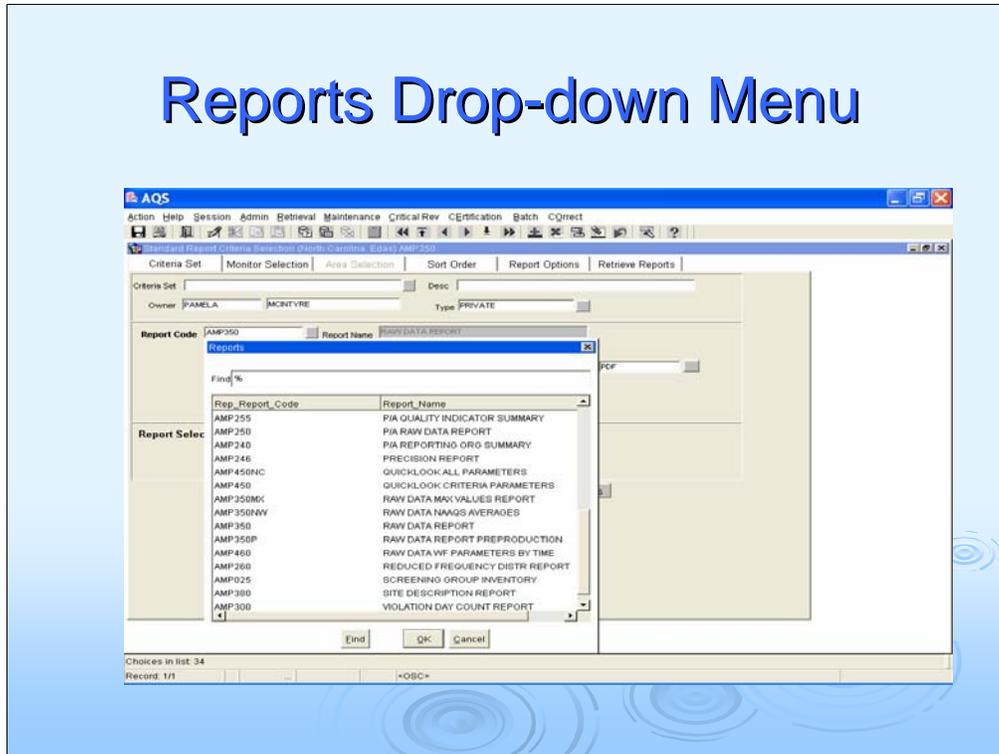


The standard report criteria selection screen is the interface for generating AQS Reports.

Criteria Set tab: You can select a saved criteria set from this drop-down list. Once you have successfully created a criteria set, you may save it to be executed again at a later time.

Information is required on the Criteria Selection and the Monitor or Area Selection screens.

Reports Drop-down Menu



Select the report you want from the Report Code drop-down list.

AMP350 Report Selected

The screenshot displays the AQS (Automated Quality System) software interface. The window title is "AQS" and the menu bar includes "Action", "Help", "Session", "Admin", "Retrieval", "Maintenance", "Critical Rev", "Certification", "Batch", and "Connect". The main window shows the "Standard Report Criteria Selection (North Carolina, Edas) AMP350" configuration screen. The "Criteria Set" tab is active, showing fields for "Criteria Set", "Owner" (PAMELA), "MCRTYRE", "Type" (PRIVATE), "Report Code" (AMP350), and "Report Name" (RAW DATA REPORT). Under "Report Outputs", there are three checkboxes: "Run Online" (selected), "Send via Email", and "Send to CDX". The "Report Selection Mode" section has two radio buttons: "Monitor Selection (detail)" (selected) and "Area Selection". At the bottom, there are buttons for "Generate Report" and "CDX to Retrieve Batch Reports". A footer note states: "User-assigned name used to distinguish saved criteria sets." Below this, there is a "Record: 1/1" and a "List of Valu..." button.

You can run a report online, send a report to your email address noted in your profile or send your report to your CDX inbox.

Monitor Selection (detail) is the default report selection mode. Selection criteria is specified on the Monitor Selection tab in this mode. If Area Selection is chosen, selection criteria is specified on the Area Selection tab.

Monitor Selection Tab

The screenshot displays the AQS software interface with the 'Monitor Selection' tab active. The window title is 'Standard Report Criteria Selection (Read Only) AMP350'. The interface is divided into several sections:

- Site/Monitor Criteria:** A table with columns for State Code, County Code, Site ID, Parameter Code, POC Code, Method Code, Duration Code, Start Date (YYYY MM DD), and End Date (YYYY MM DD). The first row contains the values: 07, 183, 44201, 44201, 44201, 44201, 44201, 2005 07 01, and 2005 07 31.
- Global Report Criteria:** Fields for Pollutant Type, Parameter Code, Method Code, and Duration Code.
- Global Date Range:** Fields for Start Date and End Date, both in YYYY MM DD format.
- Global Screening Group:** A field for Screening Group Name.

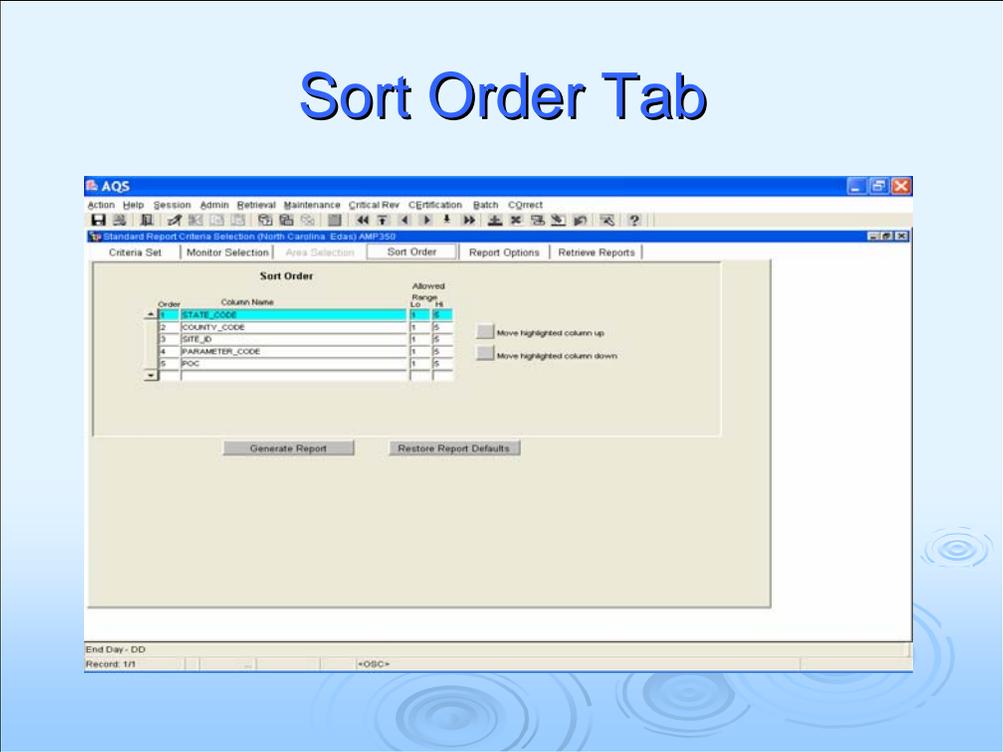
A 'Generate Report' button is located at the bottom of the form. The status bar at the bottom shows 'Start Month - MM' and 'Record: 1/1'.

Site/Monitor Criteria – Selection criteria for the report is based on monitor specification.

If you use the global selection fields, they apply to all other selection criteria. Equivalent fields cannot be specified in both the Site/Monitor criteria section and the global sections.

You can have multiple rows of selections in each category except for “Global Screening Group”.

Sort Order Tab



Every report has a defined sort order.

Report Options Tab

The screenshot shows the 'Report Options' tab in the AQS software. The window title is 'Standard Report Criteria Selection (North Carolina Edas) AMP350'. The interface includes a menu bar with options like 'Action', 'Help', 'Session', 'Admin', 'Retrieval', 'Maintenance', 'Critical Rev', 'Certification', 'Batch', and 'CQrect'. Below the menu bar is a toolbar with various icons. The main area contains several settings:

- RAW DATA EVENTS: INCLUDE EVENTS (dropdown)
- INCLUDE NULLS: YES (dropdown)
- DAILY STATISTICS: MAXIMUM (dropdown)
- MERGE PDF FILES: YES (dropdown)
- UNITS: STANDARD (dropdown)

Below these settings is an 'ALTERNATE STANDARDS' section with a table:

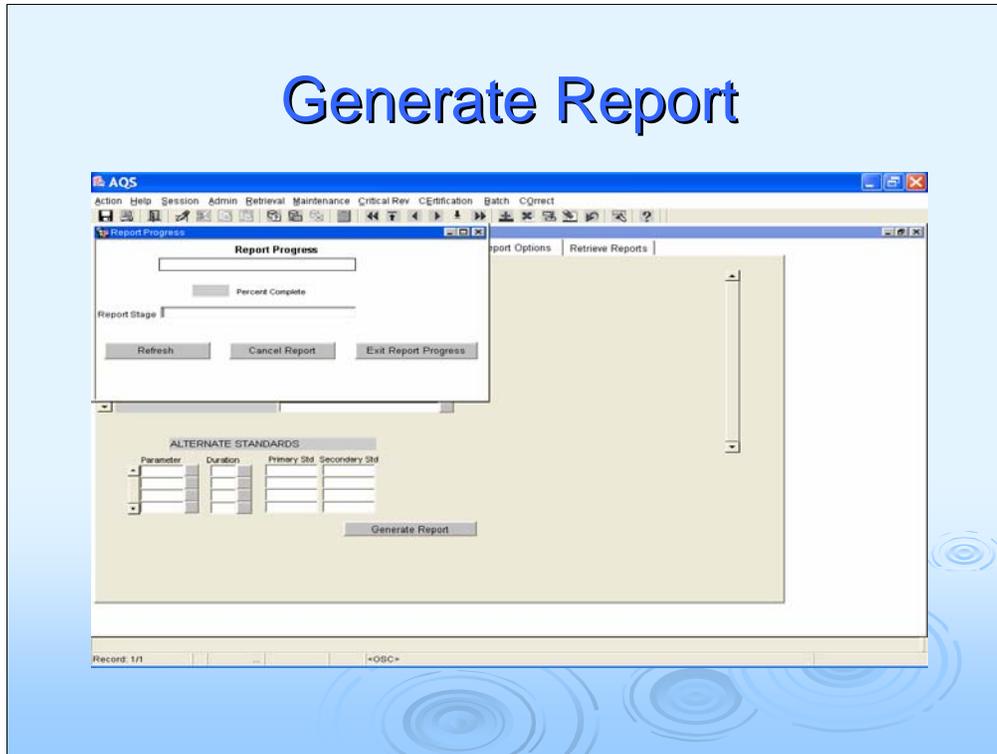
Parameter	Duration	Primary Std	Secondary Std

A 'Generate Report' button is located below the table. At the bottom of the window, there is a status bar with the text 'User-assigned name used to distinguish saved criteria sets.' and 'Record: 1/1 ... List of Valu... <-OSC>'.

On the Report Options screen you can change various options that can alter how the data is returned in the report. What options are available depends on the report.

The "Merge PDF Files" option is set to "YES" by default. For the Demo, this option is set to "NO".

Generate Report

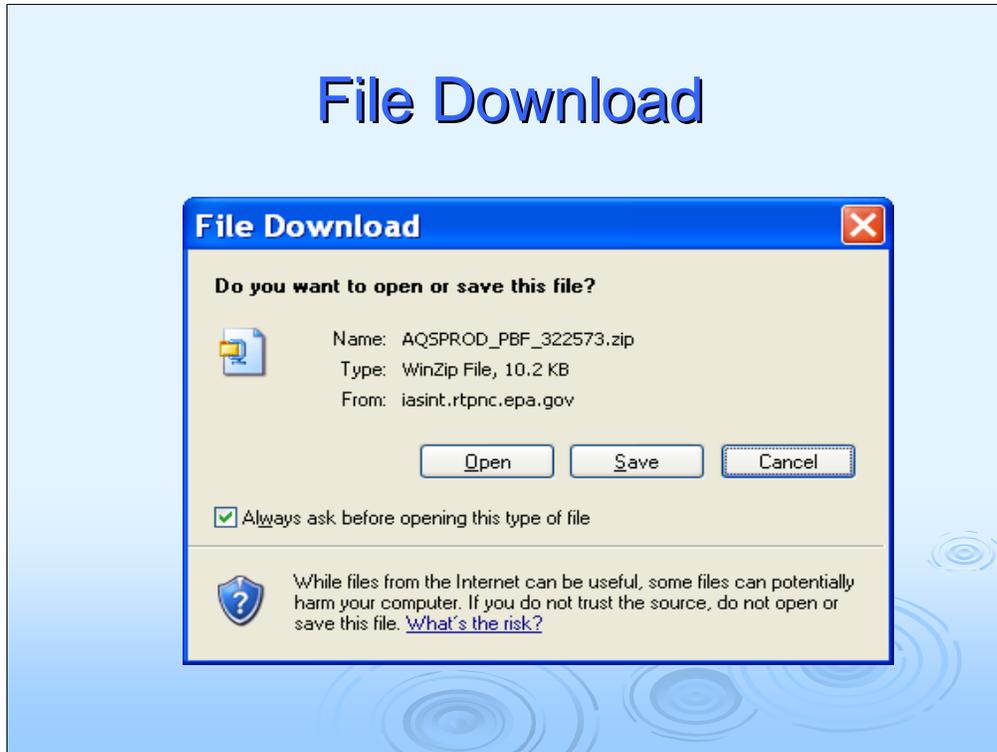


If running online, the **“Report Progress”** dialog box provides you with information regarding the current stage of the report and its percent completeness.

If you click on the **“Cancel Report”** button you will cancel the currently running report.

The **“Exit Report Progress”** button will take the report out of the “Run Online” mode. You can retrieve the report from the Retrieve Reports tab once it has completed.

File Download



Typically, the reports produce a zip file containing a PDF cover page with the report specifications and the formatted report and/or text workfiles. When the report is completed, the Windows file download dialog will be initiated.

Open with WinZip

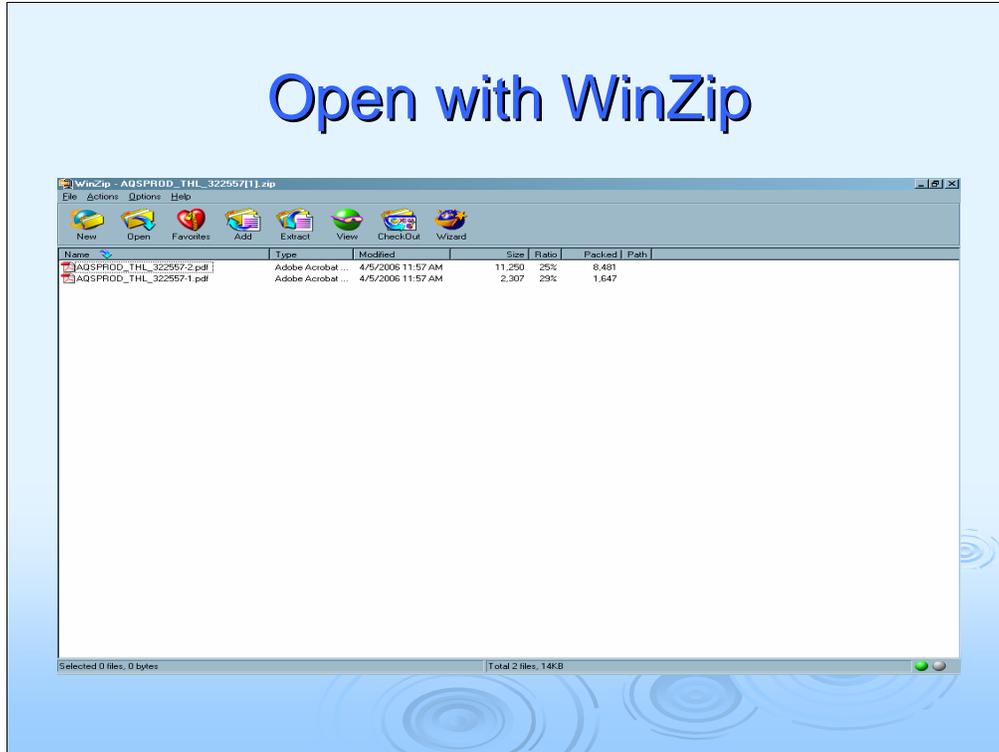
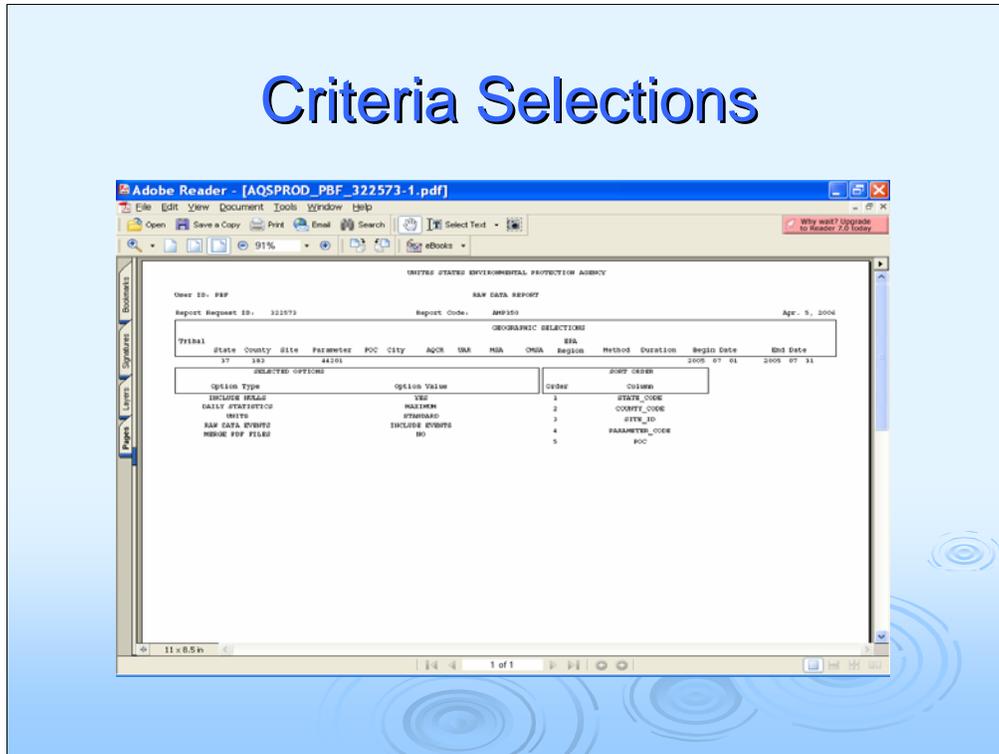


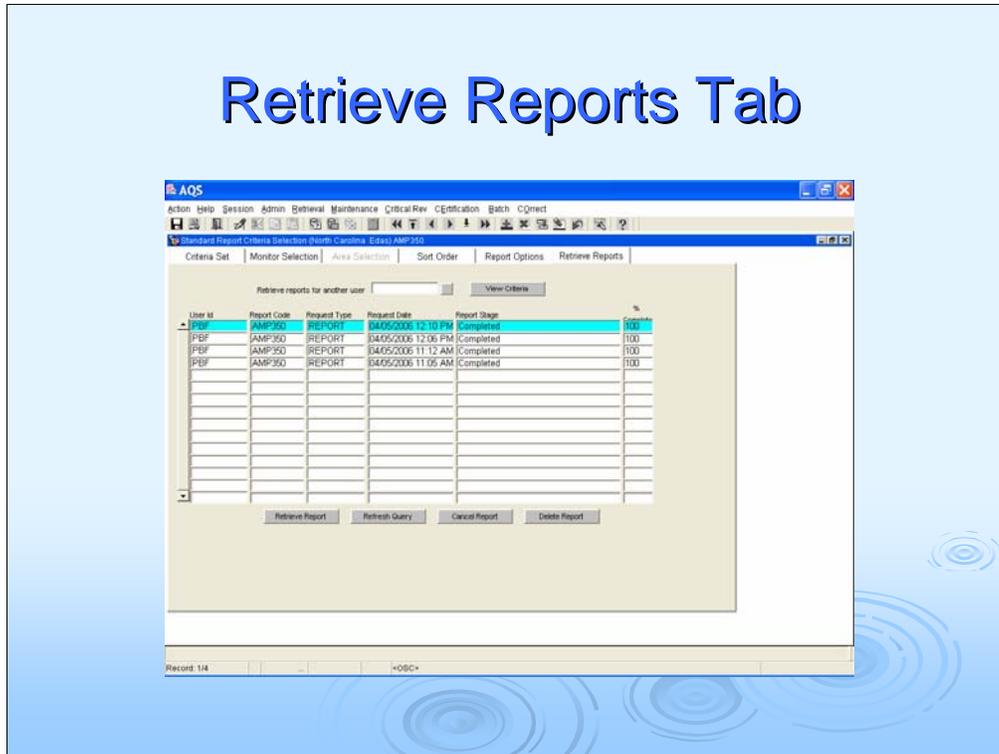
Illustration of selecting “**Open**” from the file download, with WinZip (in classic mode) the default program for .zip files.

Criteria Selections



A PDF cover page that displays the report specifications is generated with each standard report. This report may be generated separately or “merged” with a PDF formatted output.

Retrieve Reports Tab



You may also obtain the results of a previously run report by clicking on the **“Retrieve Reports Tab”**.

Reports will be available for 15 days.

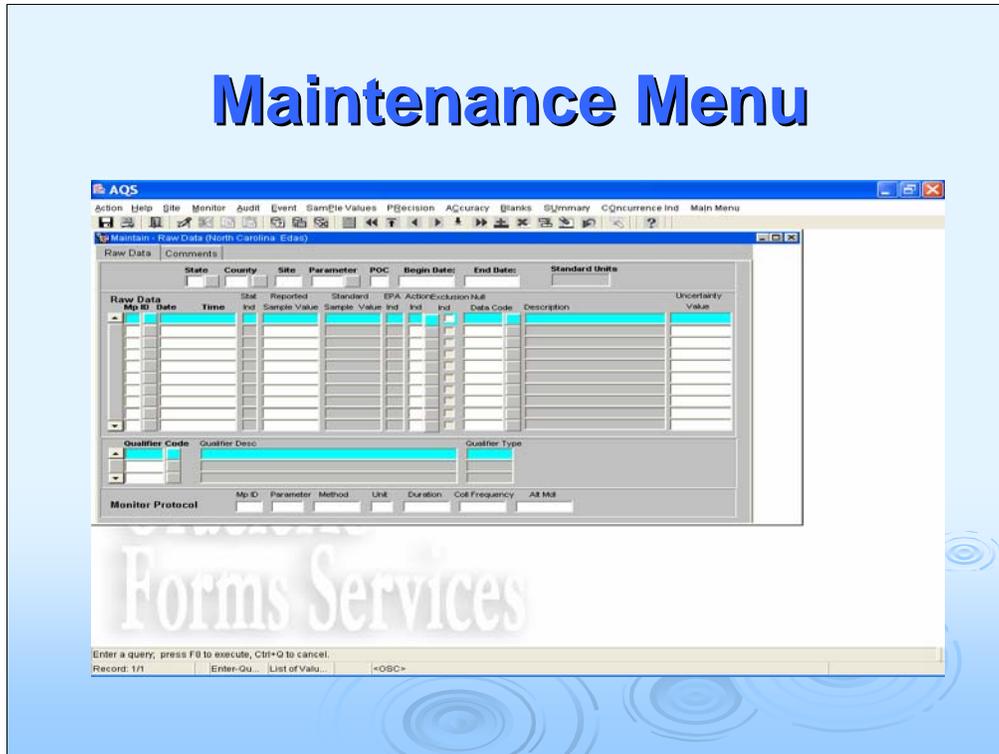
Use the **“Retrieve Report”** button to retrieve a report that has completed.

“Refresh Query” updates the report list. This is useful if you have reports currently running.

“Cancel Report” is used when you would like to cancel a report that is currently running. It can only be used if the report was initially submitted to run online.

“Delete Report” is used to remove a report from the list of reports.

Maintenance Menu

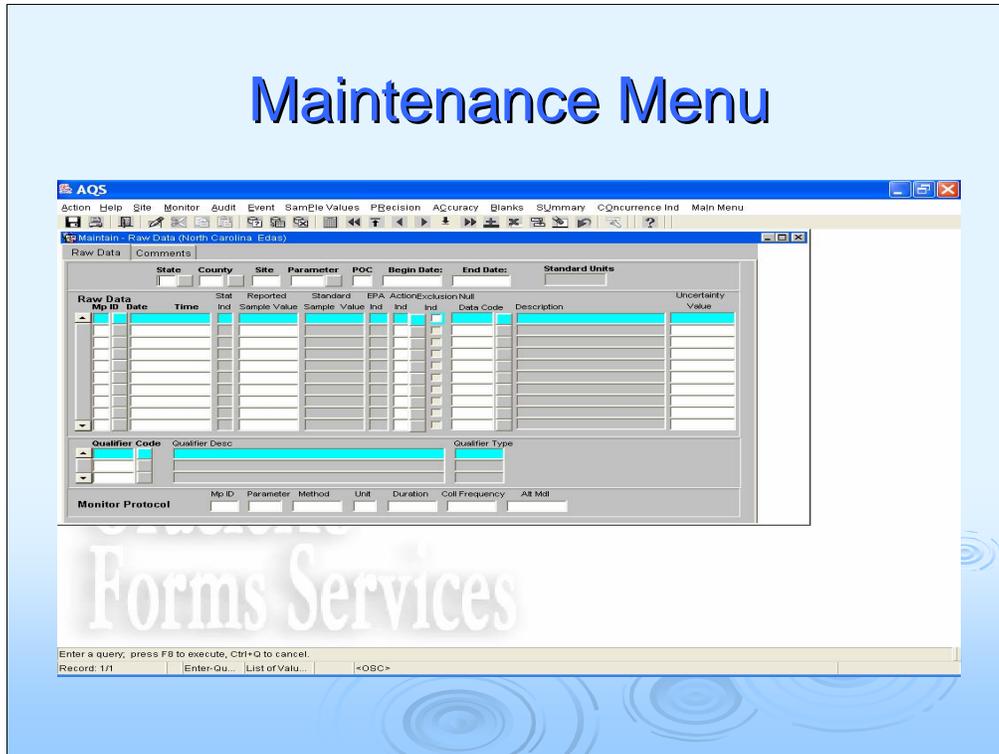


The Maintenance Menu contains various selections for querying on various types of data.

When you access Maintenance you are in query mode (i.e. the data entered is recognized as query specifications). Click 'Execute Query' to run the query.

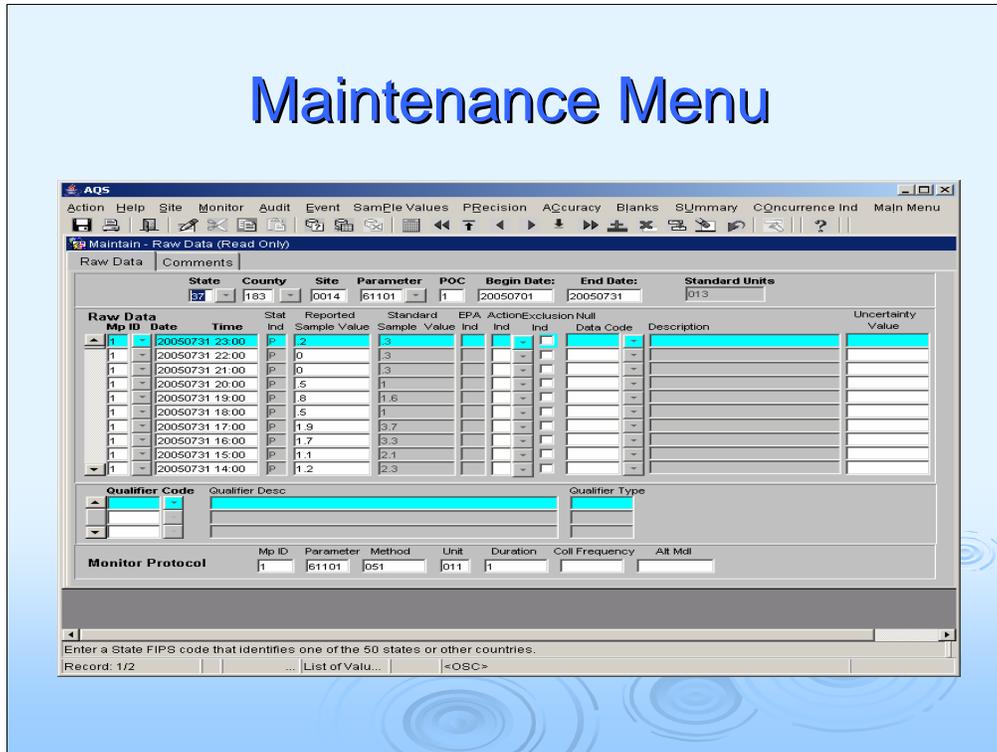
To enter data you must click on 'Cancel Query' first.

Maintenance Menu



You can type your query specifications or use the drop down list to make query selections from the list of values.

Maintenance Menu

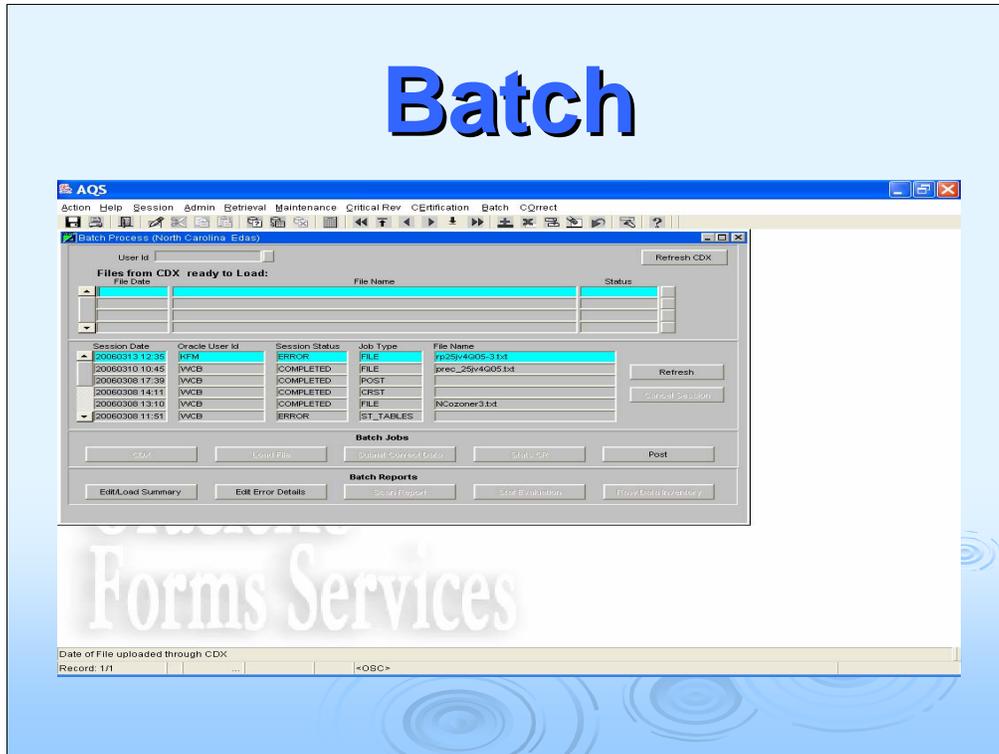


Here is the result of a sample query for state 37 (NC), county 183 (Wake), parameter 61101 (wind speed), begin date of 20050701 and end date 20050731. Note that the date format is YYYYMMDD. The data displayed is for the first monitor selected by the query.

On this screen note there are several sections: monitor identification, raw data, qualifier and the protocol. These are called blocks. You can use the next and previous block buttons to move from block to block.

Use the next and previous record buttons to move from record to record within a block. For example, clicking on next record while positioned in the monitor information block will display data for the next monitor selected by the query.

Batch

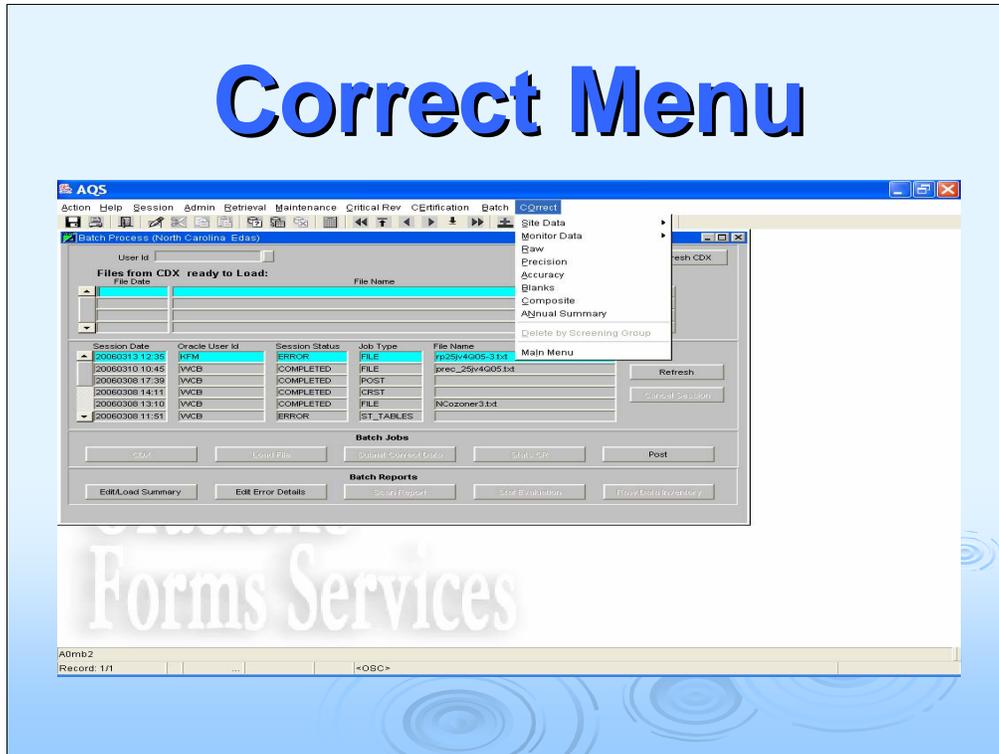


The Batch screen is where you submit jobs to process your data and where you run the associated reports for those jobs.

The Batch Jobs section lists jobs submitted for the last 30 days.

There is also a link to CDX on the Batch screen.

Correct Menu

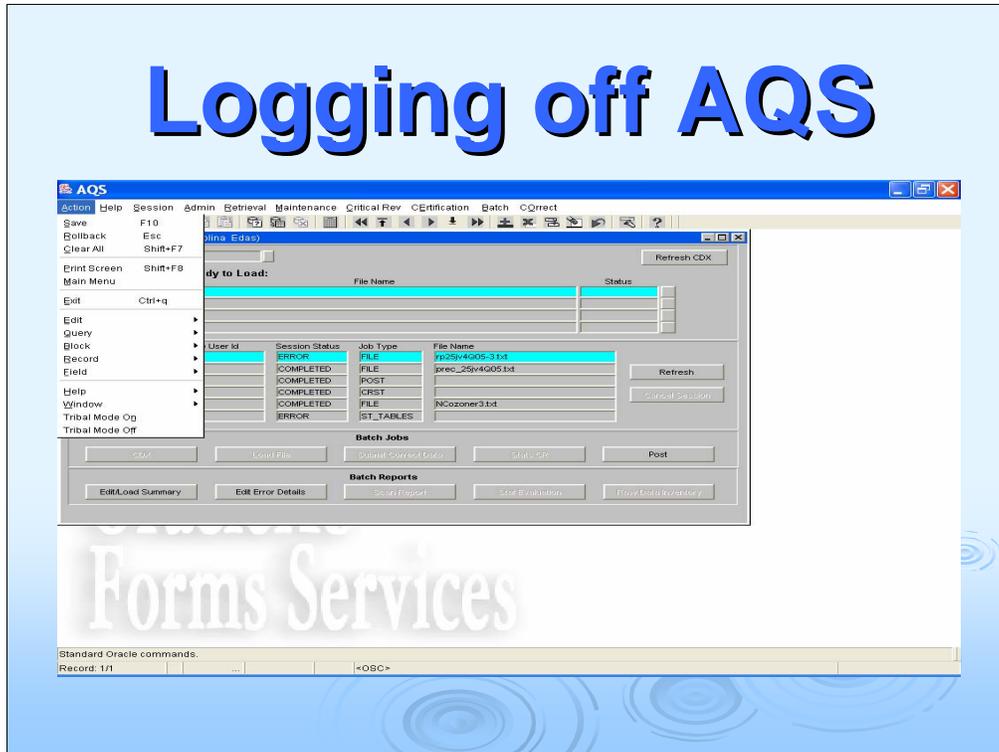


Errors from the load job will go into Correct (Staging Tables). The type of data will determine which area of Correct your data will be placed.

You can make corrections to your data in Correct and then resubmit the data using "Submit Correct Data" from Batch screen.

When you access Correct you are in query mode. Click on 'Cancel Query' to enter data.

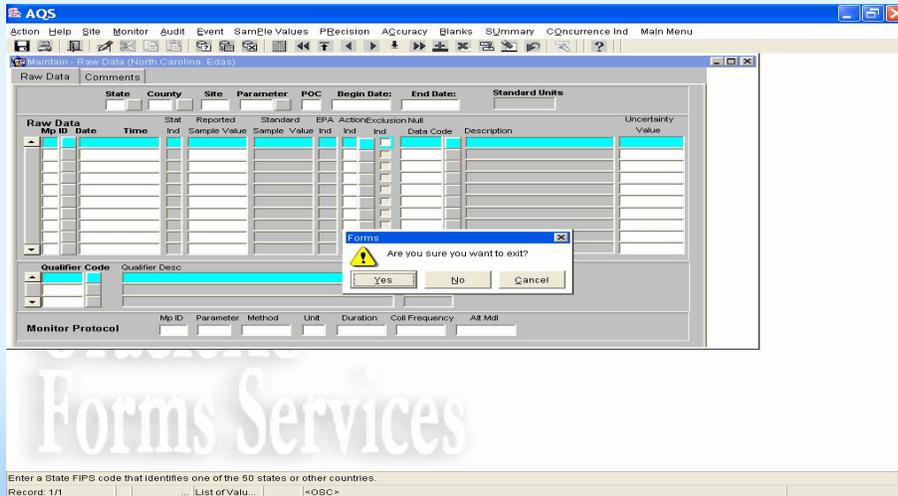
Logging off AQS



You can exit AQS from the toolbar, depressing Ctrl+Q or clicking on the X on the outer window.

(Note: If you are in query mode, you will need to do either one of these functions twice to exit from the application).

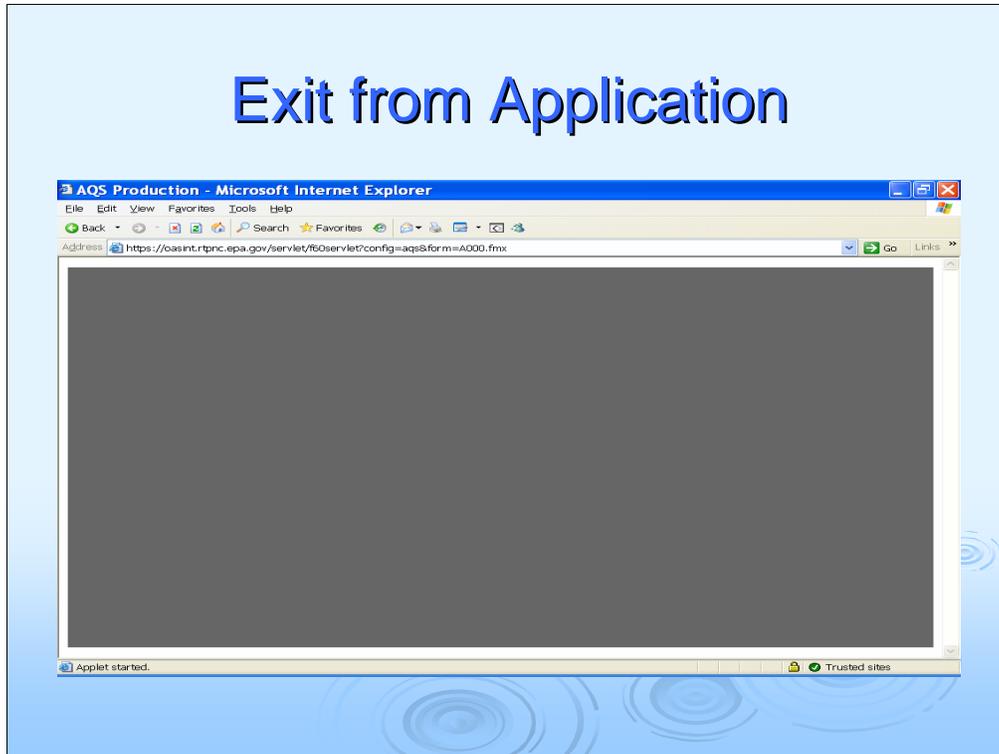
Logging off AQS



Forms Services

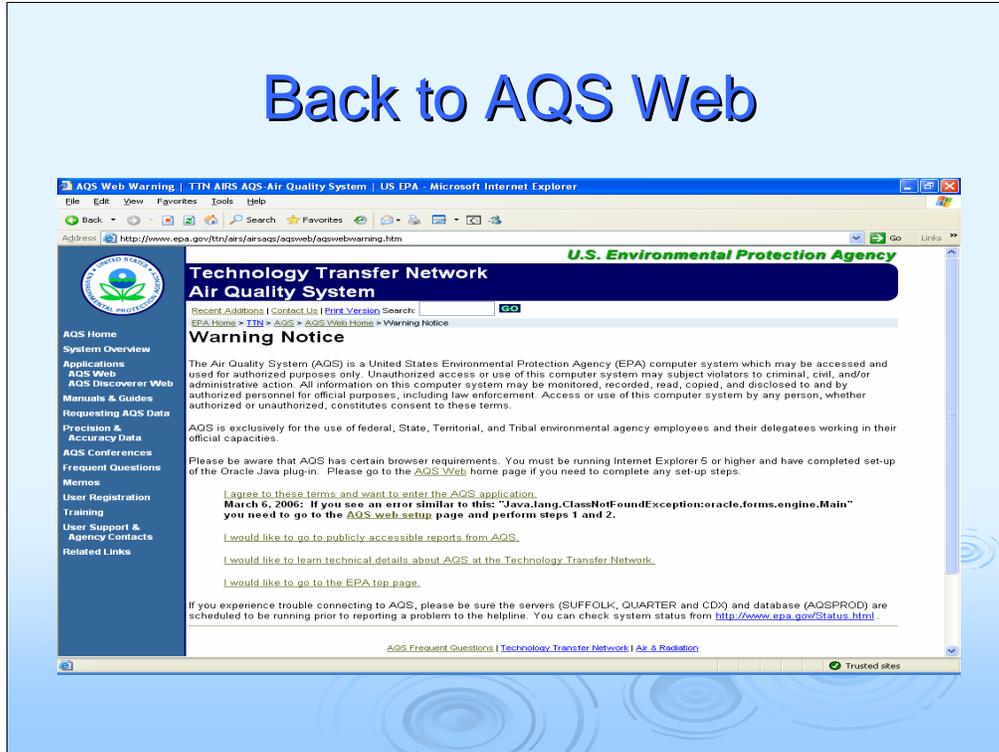
I will answer 'YES' to logout of the application.

Exit from Application



Click on the Back button to ...

Back to AQS Web



return to the AQS Web home page.

Accessing and Navigating within AQS End Demo



AQS Resources



AQS TTN Website

- Technology Transfer Network Air Quality System Home Page

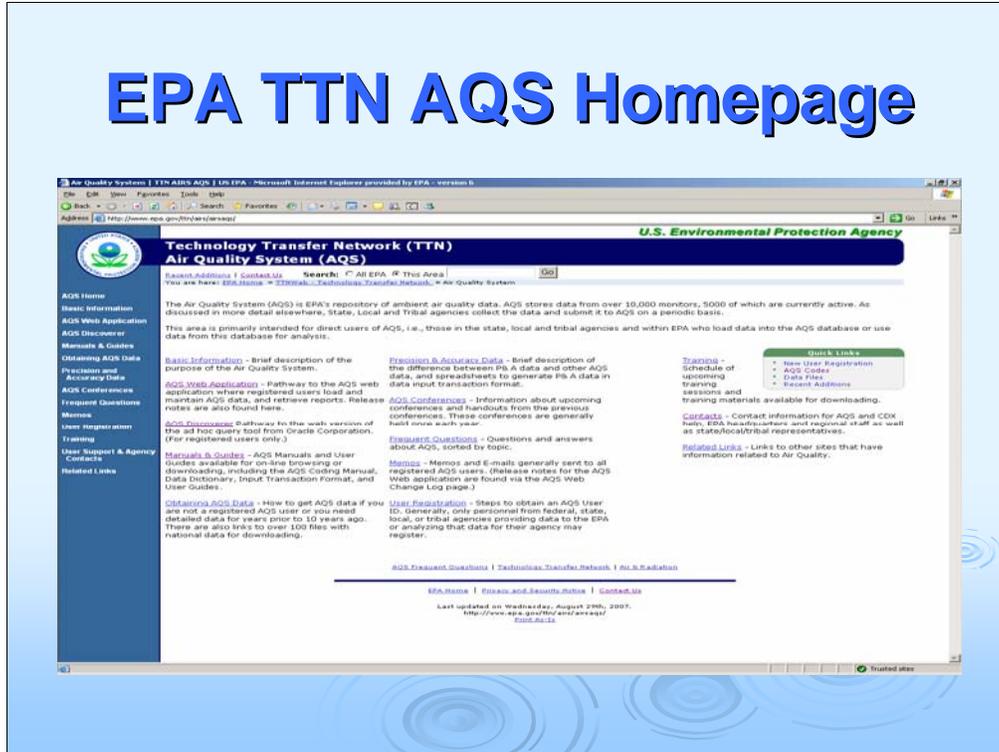
<http://www.epa.gov/ttn/airs/airsaqs/index.htm>

This is the main AQS web page. The website is updated frequently.

AQS Resources Demo

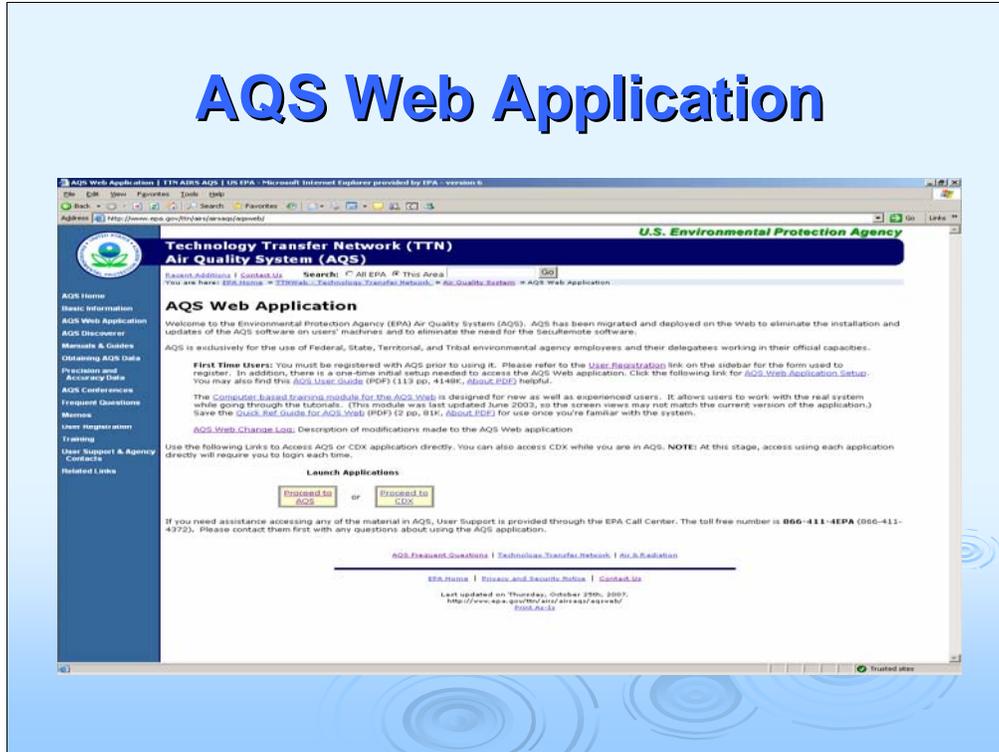
All resources reviewed are available on the AQS Website.

EPA TTN AQS Homepage



The Air Quality System Home Page.

AQS Web Application



You can access the AQS Web Home Page by clicking on AQS Web on the sidebar. Here we have links for User Registration, AQS Web Application Setup, AQS User Guide, Computer Based Training for AQS Web, Quick Reference Guide (see next slide)

Quick Reference Guide

http://www.epa.gov/ttn/airs/airsaqs/manuals/AQS Quick reference Guide v2.pdf - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.epa.gov/ttn/airs/airsaqs/manuals/AQS%20Quick%20Reference%20Guide%20v2.pdf

Save a Copy Print Select Text 91% Got Reader 7.0?

Changing Raw Data Values

1. From Main Menu, click Maintenance, SampleValues, Raw Data
2. Enter monitor identifying info, click Execute Query
3. Click on field in Raw Data area to change.
4. Click Insert Record icon in top menu.
5. Click Duplicate Record icon.
6. Change incorrect value.
7. Enter Action Ind of 'U'.
8. Enter Reported Scale value (Reported Scale is the number of decimal places).
9. Click Save icon.
10. Click Main Menu, Batch, click Stats CR
11. Click Scan Report from Batch Reports tab.
12. Click Stat Evaluation from Batch Report tab.
13. Click Post from Batch Load tab.
14. Click Raw Data tab, click Post Data to Production.
15. Click Return to Batch Processing from Raw Data tab.
16. Use Refresh button to verify Session Status is 'Completed'.
17. Click Raw Data Inventory report from Batch Report tab.

Changing Site/Monitor Data

1. From Main Menu, Maintenance, Monitor.*
2. Enter Site/Monitor identifying info.
3. Click Execute Query.
4. Make changes.
5. Click Save icon.

* Changing site data is the same except you would specify Site from the Maintenance option.

Tips

- Date format is: YYYYMMDD
- Under Maintain, if you are logged on in a screening group, you can only access records assigned to your screening group.
- When using reports, be as specific as possible in providing criteria.
- Passwords must be changed every 90 days.
- AQS User Support: 866-411-4EPA (4372)
- CDX User Support: 888-890-1995
- "*" is the wildcard for Oracle queries.

Changing Passwords

To synchronize/change passwords:

1. From Main Menu, click Admin, Security.
2. Enter new AQS password; click 'OK'.
3. Select 'Canyon' or 'CDX' from Server Name.
4. Enter current password and click 'Synchronize'.

Deleting Raw Data Records

1. Use the Maintenance option to display the record, Main Menu, Maintenance, Sample Values, Raw Data).
2. Enter monitor identifying information.
3. Click Execute Query button.
4. Insert an empty row below the record by highlighting the record to be deleted and clicking insert Record button.
5. Duplicate the record by clicking the Duplicate Record button.
6. Add an action indicator of "D".
7. Click the Save button.
8. Click Main Menu, Batch, click Stats CR.

AQS Web Quick Reference Guide

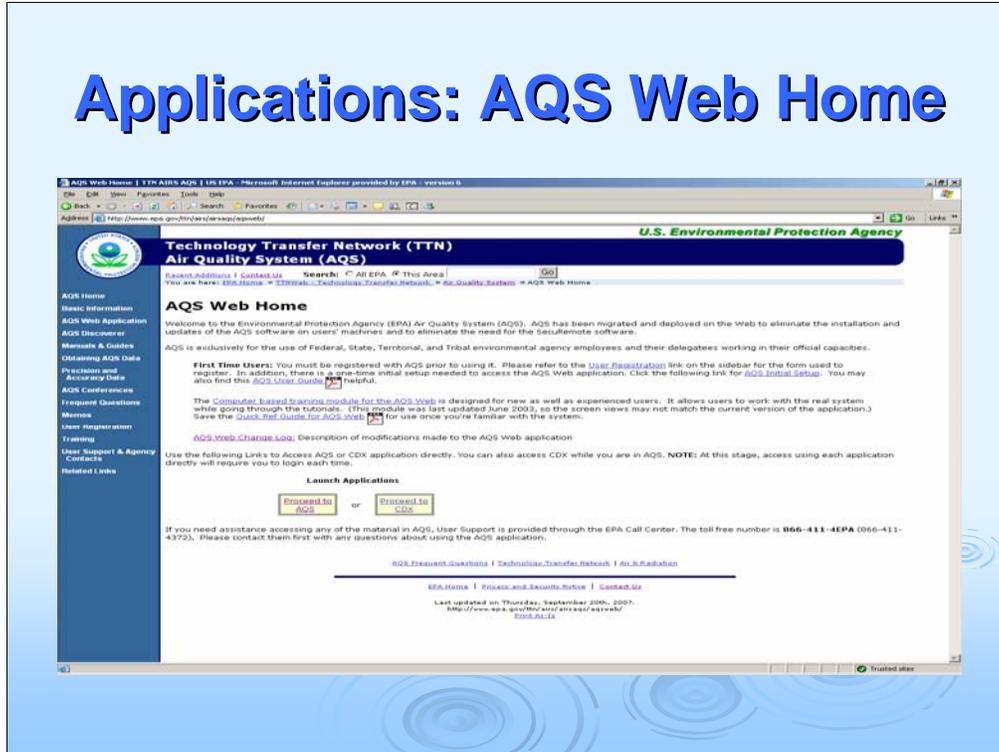
AQS Data Input Flowchart

IIS FPA

1 of 2

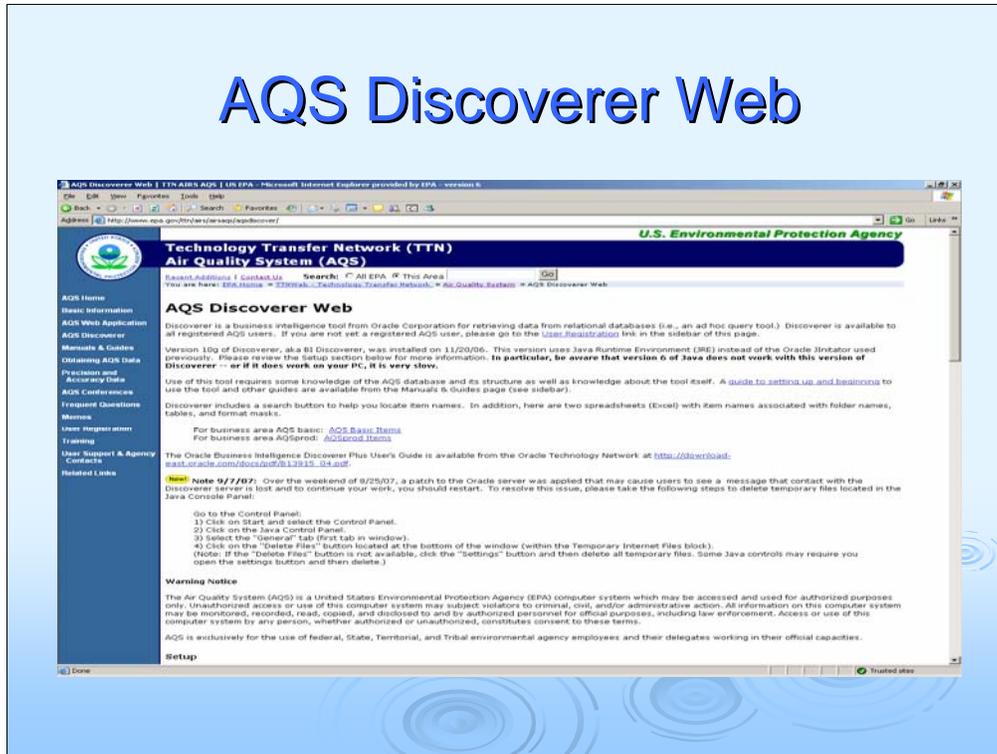
You may want to print this guide and keep it available at your desk.

Applications: AQS Web Home



Also from the AQS Web Application page you can access the [AQS Web Change Log](#) and at the bottom of the page you can access AQS under “Launch Applications”.

AQS Discoverer Web



AQS Discoverer - Oracle Discoverer is an ad hoc query tool. All registered AQS users have access to Discoverer.

Manuals and Guides

Technology Transfer Network (TTN) Air Quality System (AQS)

Manuals and Guides

You will need Adobe Acrobat Reader to view some of the files on this page. See [EPA's EDC](#) page to learn more about PDF, and for a link to the free Acrobat Reader.

Manual	File Name	File Type	File Size	File Date
AQS Data Coding Manual	AQS Data Coding Manual v2-21.pdf	Adobe Acrobat	1165KB	5/18/07
AQS Data Dictionary	AQS Data Dictionary v2-12.pdf	Adobe Acrobat	1920KB	6/20/06
Appendices for Data Coding Manual and Data Dictionary	Data Coding and Data Dictionary Appendices.pdf (This document is not being updated. Current codes are available within the AQS application. Most current codes are also available from the Selected AQS Code Descriptions page or from the Reference tables in the AQS Query tool.)	Adobe Acrobat	106KB	5/1/01
AQS Discoverer Web User Guide	Draft: Chapters 1-3 from AQS Discoverer (These chapters describe how to set up for using Discoverer and how to create a new workbook.)	Adobe Acrobat	2323KB	5/29/07
AQS Discoverer Items	AQS Basic Items in Folders with data type and format mask.xls AQS Item Items in Folders with data type and format mask.xls	MS Excel	77KB	3/27/07
AQS User Guide	AQS User Guide.pdf	Adobe Acrobat	484KB	
	AQS User Guide.doc (Some graphics may look clearer in MS Word version)	MS Word	402KB	1/23/06
AQS Data Retrieval Guide	AQS Data Retrieval Manual.pdf	Adobe Acrobat	1635KB	10/21/05
AQS Precision and Accuracy Summarization Formulas - DRAFT	Precision and Accuracy Summary Formulas.pdf	Adobe Acrobat	328KB	4/13/04
AQS Raw Data				

[Quick Link](#)
Description of basic AQS Codes

Here is an online library of AQS Manuals and reference information.

Manuals and Guides

- **AQS User Guide**
- **AQS Data Coding Manual**
- **AQS Data Dictionary**
- **Appendices for Data Coding Manual and Data Dictionary**
- **AQS Data Retrieval Manual**

This is the AQS primary documentation set.

Manuals and Guides

- [Selected AQS Code Descriptions](#)
- [Acronyms and Abbreviations](#)
- [XML Schema for AQS](#)

The selected AQS code descriptions is a popular link which provides quick descriptions of various AQS codes.

AQS can accept data in XML format.

Precision and Accuracy Data

The screenshot shows a web browser window displaying the EPA's Technology Transfer Network (TTN) Air Quality System (AQS) Precision and Accuracy Data page. The page features a navigation menu on the left, a search bar at the top, and a main content area with a table of download links for various regions.

U.S. Environmental Protection Agency

Technology Transfer Network (TTN) Air Quality System (AQS)

Precision and Accuracy Data

The Air Quality System Precision & Accuracy Generator (AQSP&A) may be used to create AQS data input transactions for precision and accuracy data. This application works with the newer editions of Windows (2000, NT, XP).

AQSP&A is a stand-alone Excel workbook, intended to provide you with a simple way to create the two AQS data input transactions used for uploading accuracy data (Transaction type RA) and precision data (Transaction type RP). The transactions are created in the AQS format with vertical bar delimiters.

A [User Guide \(PDF\)](#) (14 pp, 111K, [About PDF](#)) for this approach is available from the "Manual and Guides" page.

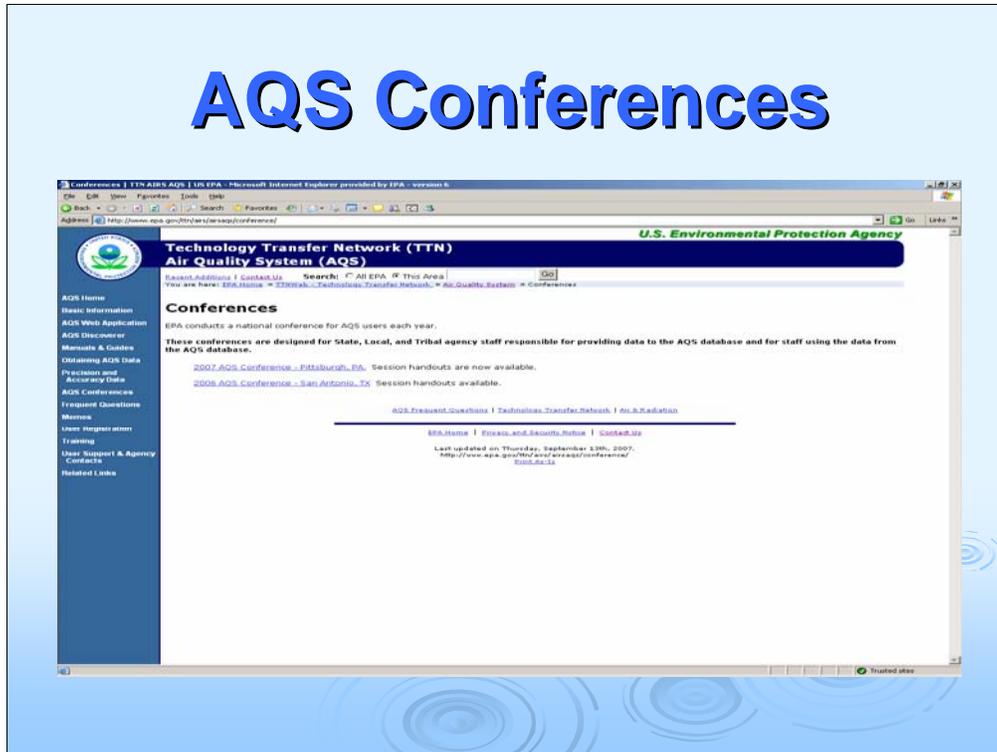
Instructions:
Download the file for the US EPA Region in which your agency resides, e.g., AQSP&A RO1 v8.2.zip is the file for agencies in Region 1. Each file unzips to an Excel workbook file. (Refer to our "Tools" page if you need assistance with file types.)

Region	File Name	File Size	File Date
1	AQSP&A RO1 v8.2.zip	2062K	10/10/07
2	AQSP&A RO2 v8.2.zip	1364K	10/10/07
3	AQSP&A RO3 v8.2.zip	1462K	10/10/07
4	AQSP&A RO4 v8.2.zip	1769K	10/10/07
5	AQSP&A RO5 v8.2.zip	1784K	10/10/07
6	AQSP&A RO6 v8.2.zip	1525K	10/10/07
7	AQSP&A RO7 v8.2.zip	1365K	10/10/07
8	AQSP&A RO8 v8.2.zip	1452K	10/10/07
9	AQSP&A RO9 v8.2.zip	1721K	10/10/07
10	AQSP&A RO10 v8.2.zip	1352K	10/10/07

Release Notes: [AQSP&A Versions \(PDF\)](#) (3 pp, 27K, [About PDF](#))

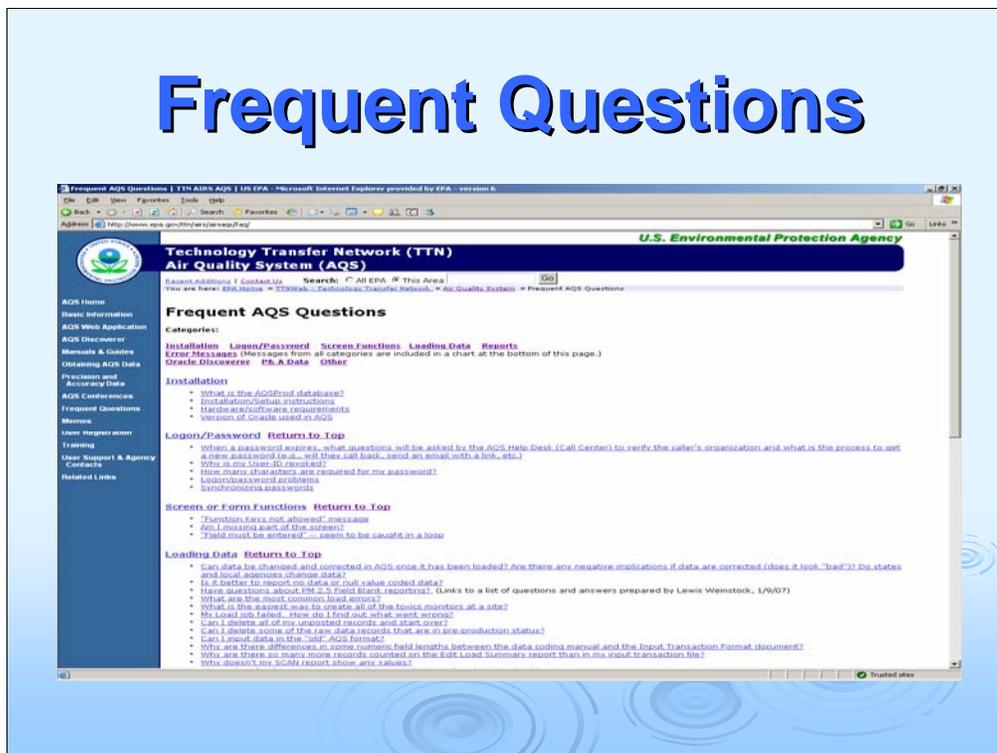
You may want to access this link if you will be loading P/A data. Precision and Accuracy Transaction Generator and Precision and Accuracy Reporting System Software

AQS Conferences



EPA conducts a yearly conference. At this link you can obtain information about the conferences.

Frequent Questions



This is a collection of questions and answers which can be used for problem resolution.

There is a "Chart of other Error Messages not covered in the Data Coding Manual" in the error messages section.

Training

**Technology Transfer Network (TTN)
Air Quality System (AQS)**

Training

Generally, we conduct a few training classes during the year at our Research Triangle Park, NC facility or Regional Offices. These classes are scheduled as the need is identified. If you are looking for a class, you may also want to contact your EPA Regional Office, since they sometimes hold training classes that we may not be aware of at the national level. Another source of AQS training for tribal users is the Institute for Tribal Environmental Professionals (ITEP) (www.itep.org).

For more information: Contact the AQS Regional EPA contact or the NADCO staff.

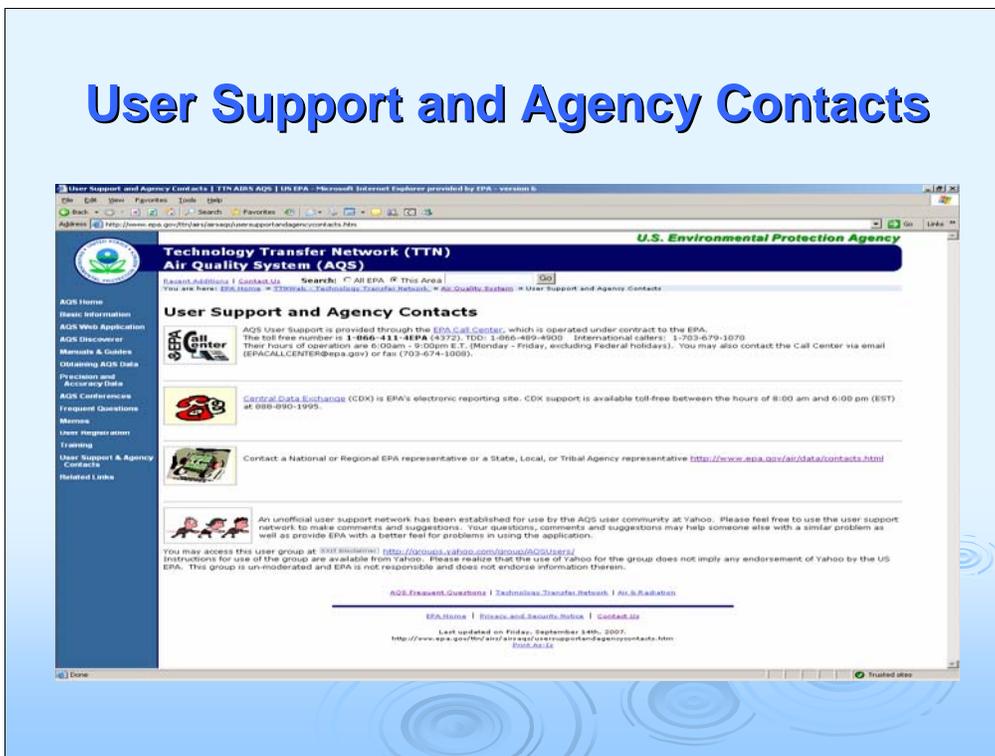
Materials used in past training classes are available below. For additional material, please use the "Manuals and Guides" link in the sidebar.

Material	File Name	File Type	File Size/Date/Time
AQS 101	AQS Basics.pdf (originally presented at 2002 AQS Conf. in Silverdale WA by David Lutz)	Adobe Acrobat	137KB 10/23/03
AQS New User Brosmo	AQS101_common.nac (You need Powerpoint or a Powerpoint viewer to view this video).	Powerpoint	5311KB 8/1/06
AQS New User Orientation	AQS_1010.pdf	Adobe Acrobat	5.2M 6/17/07
Training Modules	AQS_class.zip (used at 2004 AQS Conf)	zipped	9514KB 6/9/04
Text Data for class	textdata.xls	zipped	1721KB 6/9/04
Quick Reference	AQS Quick reference Guide v2.pdf (9/5/03)	Adobe Acrobat	51KB 6/9/04
"How to's" written and provided by Wendy McQuigall in EPA Region 1 (Wendy@atl.trendy@epa.gov)	1. How to set an ID.pdf 2. How to access AQS for the first time.pdf 3. What your data should look like.pdf 4. How to view data through CDS.pdf 5. How to enter hourly data.pdf	Adobe Acrobat	175KB 2/7/07 441KB 2/7/07 50KB 2/7/07 956KB 2/7/07 501KB 2/7/07
AQS Discoverer Web (Covers basics of setup and using Discoverer with AQS)	How to use reports in AQS for those who seldom do.pdf Draft: Chapter 1.0 from AQS Discoverer User Guide (These chapters describe how to set up for using Discoverer and how to create a new workbook.)	Adobe Acrobat	465KB 10/5/06 232KB 5/29/07
Advanced AQS Training (Jonathan Miller)	Course Objectives and Outline Core Structure AQS Database Structure Columnlist SQL Basics SQL Basics II SQL Examples AIR EXPOSURE (From 2005 Conf) Discoverer Web version (From 2005 Conf) All documents and Powerpoint presentations zipped discoverer.ppt file	Adobe Acrobat	31KB 8/30/05 58KB 8/30/05 256KB 8/18/05 125KB 7/06/05 252KB 8/30/05 423KB 8/30/05 96KB 8/30/05 461KB 6/27/05 1973KB 8/28/05
		Zipped	9147KB 8/30/05

Here you find information on classes and available training as well as training materials.

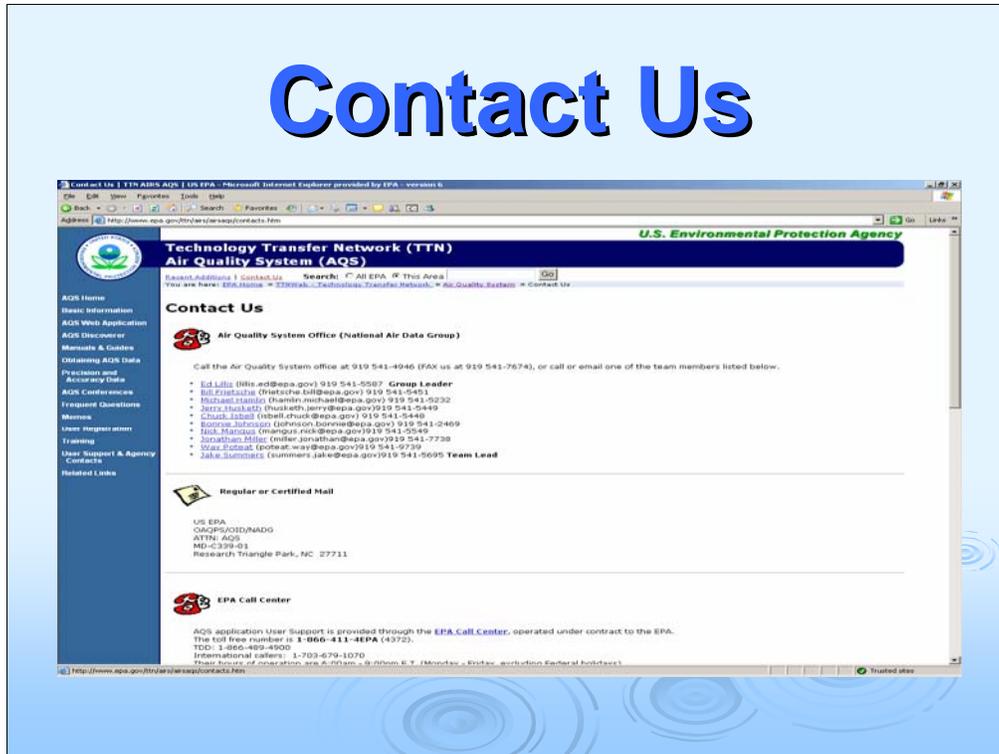
Contact your EPA Regional office contact for any training requests.

User Support and Agency Contacts



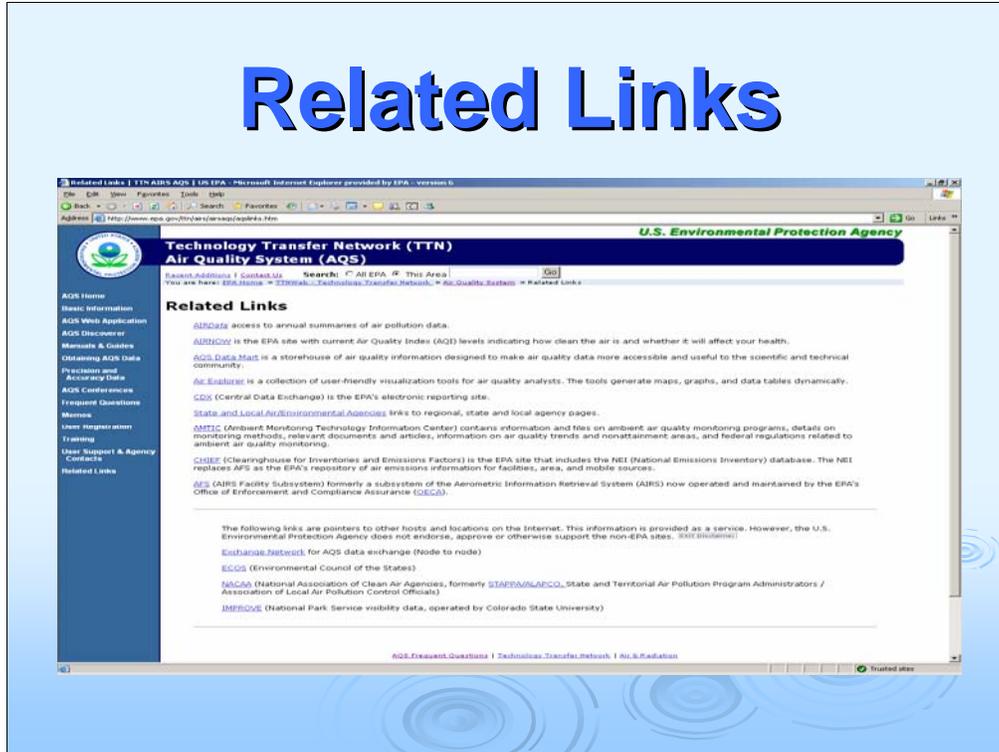
Contacts: AQS User Support, National or Regional EPA, State, Local, Tribal Representatives, and NADG staff.

Contact Us



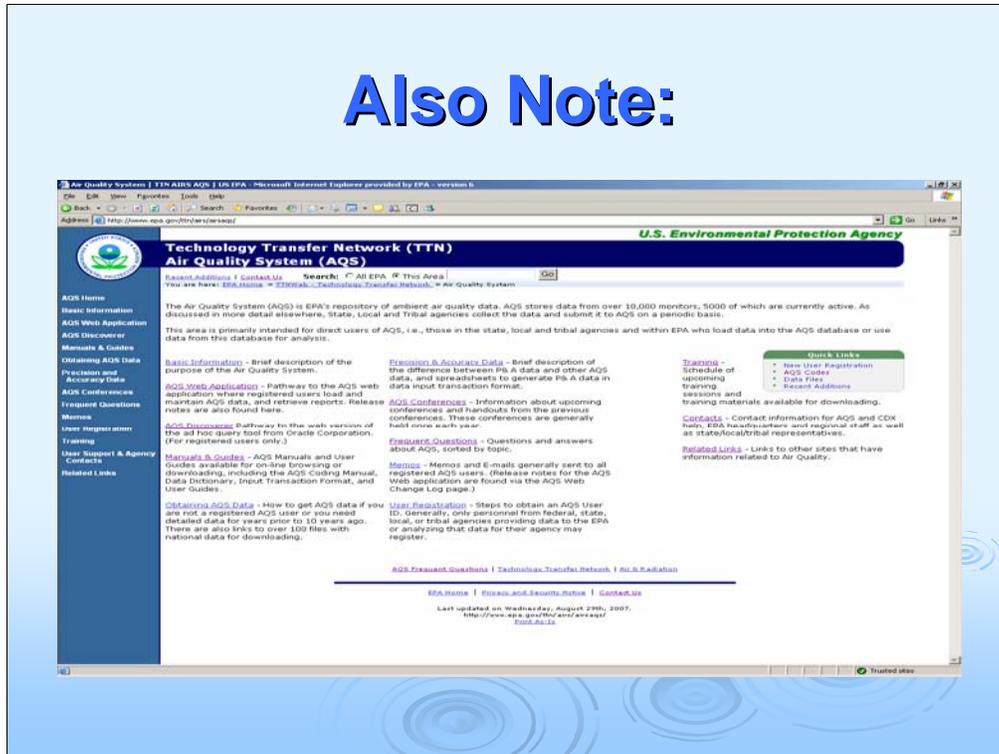
Click on the 'Contact Us' link and the AQS Team contact information can be found here.

Related Links



Provides more sources for Air Quality and Air Monitoring information and data.

Also Note:



New User Registration AQS Application and registration information

AQS Codes references the selected AQS Code Descriptions

Data Files link contains over 100 files of detail AQS data available to the public.

Recent Additions contains a log of changes made to the AQS website.

AQS Resources

End Demo



User Support



User Support

- Level 1 (EPA Call Center)
- Level 2 (Client Services)
- Level 3 (Database Services)
- CDX (Central Data Exchange) Helpdesk
- NADG (National Air Data Group)
- Other Contacts and Support Resources

First Level Support

Level 1 (EPA Call Center)

- Your first line of defense
- Responsibilities
 - Take your call
 - Open a ticket with a tracking number
- Resolve general problems such as:
 - Reset passwords
 - Basic AQS Application Problems
- Transfer unresolved problems

1-866-411-4EPA (Hours 6 AM - 9 PM ET) Excluding Federal Holidays
Email: epacallcenter@epa.gov

The EPA Call Center is your initial contact. Provide the Call Center with a precise description as possible of the problem you are experiencing.

Second Level Support

➤ Level 2 (Client Services)

- Primary Support for AQS
- Provides New User Orientation

Hours: Monday – Friday 8:00 AM – 6:30 PM ET
Excluding Federal Holidays

Third Level Support

Level 3 (Database Support Services) DBSS

- **Registers users under AQS Oracle Account**
- **Primary support for the Oracle Database environment**

DBSS is contacted by Client Services regarding any application problems as reported by the AQS customer community

CDX Support

CDX (Central Data Exchange)

- File transfers
- Registration
- Password Resets
- Mailbox Issues

Hours Monday – Friday 8 AM – 6 PM ET

1-888-890-1995 Email: epacdx@csc.com

CDX is used to transfer data to the AQS application. CDX Helpdesk provides support for file transfer problems prior to reaching the AQS application.

When in doubt....

If you are unsure who to call.....

Contact the EPA Helpdesk

(EPA Call Center)

1-866-411-4372 (4EPA)

Email: epacallcenter@epa.gov



EPA NADG

National Air Data Group (NADG)

- User Registration (Build User Profiles)
- Assign Screening Groups
- Provides Reference Table Updates
- Data Questions/issues/policies/regulations, etc.
- Data Requests

EPA NADG (AQS Team) are the owners of the AQS Application. Client Services reports application problems to NADG.

Other Contacts & Support

AQS Regional Contacts

Provide guidance on data reporting policies and procedures for their region

AQS Regional Contacts can provide you with information about your data and the policies and procedures you should follow.

A list of AQS Regional contacts can be found from the AQS Homepage by clicking on the “Contacts” link.

Other Contacts & Support

- AQS Users Chat Group
<http://groups.yahoo.com/group/AQSUsers>
- Annual AQS Conference

The AQS Users Chat Group promotes interaction between AQS (federal, state, local, tribal) users.

Conclusion:

- The **EPA Call Center** is your resource for reporting AQS problems. There are times when it is more appropriate to contact your EPA Regional Office Contact or the EPA staff at RTP, but when in doubt contact the Call Center.
- The Call Center can be reached at 1-866-411-4372 or by Email at epacallcenter@epa.gov
- EPA TTN AQS Website:
<http://www.epa.gov/ttn/airs/airsaqs/>

Evaluation

We need your feedback.

Please take a moment to answer the poll.

When the orientation ends you will be returned to the AQS Website.

AQS New User Orientation

Thank you for attending

